

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 16:16:45 ; Search time 373.489 Seconds  
(without alignments)  
324.792 Million cell updates/sec

Title: US-09-610-118-3

Perfect score: 1786

Sequence: 1 MSPSPALFCLGCLGRVPA.....KSHGGDGGRODVHSLGCS 339

Scoring table: BLOSUM62

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 1589859

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:\*

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20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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1	1786	100.0	339	9 US-09-832-312-3	Sequence 3, Appli
2	1786	100.0	339	11 US-09-829-495-3	Sequence 3, Appli
3	1786	100.0	339	14 US-10-157-031-387	Sequence 387, App
4	1782	99.8	339	9 US-09-832-312-34	Sequence 34, Appl
5	1782	99.8	339	9 US-09-832-312-36	Sequence 36, Appl
6	1782	99.8	339	9 US-09-832-312-38	Sequence 38, Appl
7	1782	99.8	339	9 US-09-832-312-40	Sequence 40, Appl
8	1782	99.8	339	11 US-09-829-495-34	Sequence 34, Appl
9	1782	99.8	339	11 US-09-829-495-36	Sequence 36, Appl
10	1782	99.8	339	11 US-09-829-495-38	Sequence 38, Appl
11	1782	99.8	339	11 US-09-829-495-40	Sequence 40, Appl
12	1759	98.5	339	14 US-10-446-826-5	Sequence 5, Appli
13	1759	98.5	339	16 US-10-446-826-5	Sequence 5, Appli

14	1678	94.0	319	9 US-09-832-312-5	Sequence 5, Appli
15	1678	94.0	319	11 US-09-829-495-5	Sequence 5, Appli
16	1678	93.6	321	16 US-10-741-601-402	Sequence 402, App
17	1346	75.4	620	16 US-10-741-601-403	Sequence 403, App
18	1311	73.4	501	16 US-10-483-810-1	Sequence 1, Appli
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20	1304	73.0	249	9 US-09-832-312-9	Sequence 9, Appli
21	1304	73.0	249	11 US-09-829-495-9	Sequence 9, Appli
22	1304	73.0	369	14 US-10-446-826-37	Sequence 37, Appl
23	1304	73.0	369	16 US-10-446-826-37	Sequence 37, Appl
24	1122	62.8	313	9 US-09-832-312-16	Sequence 16, Appl
25	1122	62.8	313	9 US-09-832-312-48	Sequence 48, Appl
26	1122	62.8	313	11 US-09-829-495-16	Sequence 16, Appl
27	1122	62.8	313	11 US-09-829-495-48	Sequence 48, Appl
28	1118	62.6	313	9 US-09-832-312-42	Sequence 42, Appl
29	1118	62.6	313	9 US-09-832-312-44	Sequence 44, Appl
30	1118	62.6	313	9 US-09-832-312-46	Sequence 46, Appl
31	1118	62.6	313	11 US-09-829-495-42	Sequence 42, Appl
32	1118	62.6	313	11 US-09-829-495-44	Sequence 44, Appl
33	1118	62.6	313	11 US-09-829-495-46	Sequence 46, Appl
34	1080.5	60.5	292	9 US-09-832-312-18	Sequence 18, Appl
35	1080.5	60.5	292	11 US-09-829-495-18	Sequence 18, Appl
36	937	52.5	267	9 US-09-832-312-19	Sequence 19, Appl
37	937	52.5	267	11 US-09-829-495-19	Sequence 19, Appl
38	498	27.9	448	16 US-10-408-765A-1701	Sequence 1701, Ap
39	498	27.9	447	9 US-09-870-759-50	Sequence 50, Appl
40	498	27.9	447	10 US-09-751-708A-50	Sequence 50, Appl
41	498	27.9	447	17 US-10-428-817A-46	Sequence 46, Appl
42	498	27.9	448	14 US-10-139-662-18	Sequence 18, Appl
43	498	27.9	448	14 US-10-139-663-18	Sequence 18, Appl
44	498	27.9	448	14 US-10-143-618-18	Sequence 18, Appl
45	498	27.9	448	15 US-10-429-160-54	Sequence 54, Appl

#### ALIGNMENTS

RESULT 1  
US-09-832-312-3  
; Sequence 3, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; PRIOR FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; LENGTH: 339  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-3

Query Match 100.0%; Score 1786; DB 9; Length 339;  
Best Local Similarity 100.0%; Pred. No. 5.2e-128;  
Matches 339; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MSPSPALFCLGCLGRVPAQSGLPKPSQAALPSSAVPLEKPVTLRCQPGVDLYRLE 60  
Db 1 MSPSPALFCLGCLGRVPAQSGLPKPSQAALPSSAVPLEKPVTLRCQPGVDLYRLE 60  
QY 61 KLSSRYQDQAVLFTIPAMKSLAGRYRCYQNSLWSPDQLVATGVFAKPSLSAQP 120

Db 61 KLSRRYQDQAVLFIPAMKESLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQP 120  
QY 121 GPAVSSGGDVTLQCTRYGDFDQFALYKEDGDPAPYKNPWRWRASFPFIITVTAHSGTYRC 180  
Db 121 GPAVSSGGDVTLQCTRYGDFDQFALYKEDGDPAPYKNPWRWRASFPFIITVTAHSGTYRC 180  
QY 181 YFSRRDPYLMWSPDPLVLTGTSVTPSRLETPPSSVAEFSAEATAELTVSFTNKVFT 240  
Db 181 YFSRRDPYLMWSPDPLVLTGTSVTPSRLETPPSSVAEFSAEATAELTVSFTNKVFT 240  
QY 241 TETSRITTSFKESDSDPAGPARQYTKGNLVRIICLGAVILILAGFLAEDWHSRRKRLRH 300  
Db 241 TETSRITTSFKESDSDPAGPARQYTKGNLVRIICLGAVILILAGFLAEDWHSRRKRLRH 300  
QY 301 RGRAVQRPPLPPLPQTRKSHGGQDGGQDQVHSGRLCS 339  
Db 301 RGRAVQRPPLPPLPQTRKSHGGQDGGQDQVHSGRLCS 339  
RESULT 2  
US-829-495-3  
; Sequence 3, Application US/09829495  
; Publication No. US2004001826A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield SJ  
; APPLICANT: Vallevall J  
; APPLICANT: Jandrot-Perrus M  
; APPLICANT: Vainchenker W  
; APPLICANT: Gill DS  
; APPLICANT: Qian MD  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/829,495  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; LENGTH: 339  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-829-495-3

Query Match 100.0%; Score 1786; DB 11; Length 339;  
Best Local Similarity 100.0%; Pred. No. 5.2e-128;  
Matches 339; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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QY 61 KLSRRYQDQAVLFIPAMKESLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQP 120  
Db 61 KLSRRYQDQAVLFIPAMKESLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQP 120  
QY 121 GPAVSSGGDVTLQCTRYGDFDQFALYKEDGDPAPYKNPWRWRASFPFIITVTAHSGTYRC 180  
Db 121 GPAVSSGGDVTLQCTRYGDFDQFALYKEDGDPAPYKNPWRWRASFPFIITVTAHSGTYRC 180  
QY 181 YFSRRDPYLMWSPDPLVLTGTSVTPSRLETPPSSVAEFSAEATAELTVSFTNKVFT 240  
Db 181 YFSRRDPYLMWSPDPLVLTGTSVTPSRLETPPSSVAEFSAEATAELTVSFTNKVFT 240  
QY 241 TETSRITTSFKESDSDPAGPARQYTKGNLVRIICLGAVILILAGFLAEDWHSRRKRLRH 300  
Db 241 TETSRITTSFKESDSDPAGPARQYTKGNLVRIICLGAVILILAGFLAEDWHSRRKRLRH 300  
US-09-829-495-3

QY 301 RGRAVQRPPLPPLPQTRKSHGGQDGGQDQVHSGRLCS 339  
Db 301 RGRAVQRPPLPPLPQTRKSHGGQDGGQDQVHSGRLCS 339  
RESULT 3  
US-10-157-031-387  
; Sequence 387, Application US/10157031  
; Publication No. US20030108890A1  
; GENERAL INFORMATION:  
; APPLICANT: Baranova, A. V.  
; APPLICANT: Yankovsky, N. K.  
; APPLICANT: Kozlov, A. P.  
; APPLICANT: Lobashev, A. V.  
; APPLICANT: Krukovskaya, L. L.  
; TITLE OF INVENTION: In silico screening for phenotype-associated expressed sequences  
; FILE REFERENCE: 2760-103  
; CURRENT APPLICATION NUMBER: US/10/157,031  
; CURRENT FILING DATE: 2002-05-30  
; NUMBER OF SEQ ID NOS: 415  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 387  
; LENGTH: 339  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-157-031-387

Query Match 100.0%; Score 1786; DB 14; Length 339;  
Best Local Similarity 100.0%; Pred. No. 5.2e-128;  
Matches 339; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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QY 61 KLSRRYQDQAVLFIPAMKESLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQP 120  
Db 61 KLSRRYQDQAVLFIPAMKESLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQP 120  
QY 121 GPAVSSGGDVTLQCTRYGDFDQFALYKEDGDPAPYKNPWRWRASFPFIITVTAHSGTYRC 180  
Db 121 GPAVSSGGDVTLQCTRYGDFDQFALYKEDGDPAPYKNPWRWRASFPFIITVTAHSGTYRC 180  
QY 181 YFSRRDPYLMWSPDPLVLTGTSVTPSRLETPPSSVAEFSAEATAELTVSFTNKVFT 240  
Db 181 YFSRRDPYLMWSPDPLVLTGTSVTPSRLETPPSSVAEFSAEATAELTVSFTNKVFT 240  
QY 241 TETSRITTSFKESDSDPAGPARQYTKGNLVRIICLGAVILILAGFLAEDWHSRRKRLRH 300  
Db 241 TETSRITTSFKESDSDPAGPARQYTKGNLVRIICLGAVILILAGFLAEDWHSRRKRLRH 300  
QY 301 RGRAVQRPPLPPLPQTRKSHGGQDGGQDQVHSGRLCS 339  
Db 301 RGRAVQRPPLPPLPQTRKSHGGQDGGQDQVHSGRLCS 339

RESULT 4  
US-09-832-312-34  
; Sequence 34, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06

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; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 339
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-34

Query Match      99.8%; Score 1782; DB 9; Length 339;
Best Local Similarity 99.7%; Pred. No. 1.1e-127;
Matches 338; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 MSPSPTALFCLGLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDYRL 60
QY 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWSPDQLVATGVFAKPSLSAQ 120
DB 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWSPDQLVATGVFAKPSLSAQ 120
QY 121 GAVSSGGDVTLCQTRYGDFQFALYKEGDPAPYKPNRWYRASFPPIITVTAHSGTYRC 180
DB 121 GAVSSGGDVTLCQTRYGDFQFALYKEGDPAPYKPNRWYRASFPPIITVTAHSGTYRC 180
QY 181 YFSRRDPYLSAPSDPLELVVTGTSVTPSRLLPTEPPSSVAEPSEATAELTVSTNKVFT 240
DB 181 YFSRRDPYLSAPSDPLELVVTGTSVTPSRLLPTEPPSSVAEPSEATAELTVSTNKVFT 240
QY 241 TETSRITTSKESDSPAGPARQYTTKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLRH 300
DB 241 TETSRITTSKESDSPAGPARQYTTKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLRH 300
QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGGLCS 339
DB 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGGLCS 339

RESULT 6
US-09-832-312-38
; Sequence 36, Application US/09832312
; Patent No. US20010049829A1
; GENERAL INFORMATION:
; APPLICANT: Busfield et al.
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/832,312
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 339
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-38

Query Match      99.8%; Score 1782; DB 9; Length 339;
Best Local Similarity 99.7%; Pred. No. 1.1e-127;
Matches 338; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 MSPSPTALFCLGLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDYRL 60
QY 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWSPDQLVATGVFAKPSLSAQ 120
DB 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWSPDQLVATGVFAKPSLSAQ 120
QY 121 GAVSSGGDVTLCQTRYGDFQFALYKEGDPAPYKPNRWYRASFPPIITVTAHSGTYRC 180
DB 121 GAVSSGGDVTLCQTRYGDFQFALYKEGDPAPYKPNRWYRASFPPIITVTAHSGTYRC 180
QY 181 YFSRRDPYLSAPSDPLELVVTGTSVTPSRLLPTEPPSSVAEPSEATAELTVSTNKVFT 240
DB 181 YFSRRDPYLSAPSDPLELVVTGTSVTPSRLLPTEPPSSVAEPSEATAELTVSTNKVFT 240
QY 241 TETSRITTSKESDSPAGPARQYTTKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLRH 300
DB 241 TETSRITTSKESDSPAGPARQYTTKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLRH 300
QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGGLCS 339
DB 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGGLCS 339

RESULT 5
US-09-832-312-36
; Sequence 36, Application US/09832312
; Patent No. US20010049829A1
; GENERAL INFORMATION:
; APPLICANT: Busfield et al.
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/832,312
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 36
; LENGTH: 339
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-36

Query Match      99.8%; Score 1782; DB 9; Length 339;
Best Local Similarity 99.7%; Pred. No. 1.1e-127;
Matches 338; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MSPSPTALFCLGLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDYRL 60
DB 1 MSPSPTALFCLGLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDYRL 60
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Db 301 RGRAVORPLPPLPPLPQTRKSHGGQDGGQDVHSGRLCS 339

## RESULT 7

US-09-832-312-40  
; Sequence 40, Application US/09832312  
; Patent No. US20010049829A1

; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.

; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF

; FILE REFERENCE: 7853-234

; CURRENT APPLICATION NUMBER: US/09/832,312

; CURRENT FILING DATE: 2001-04-09

; PRIOR APPLICATION NUMBER: 09/610,118

; PRIOR FILING DATE: 2000-06-30

; PRIOR APPLICATION NUMBER: 09/503,387

; PRIOR FILING DATE: 2000-02-14

; PRIOR APPLICATION NUMBER: 09/454,824

; PRIOR FILING DATE: 1999-12-06

; PRIOR APPLICATION NUMBER: 09/345,468

; PRIOR FILING DATE: 1999-06-30

; NUMBER OF SEQ ID NOS: 78

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 40

; LENGTH: 339

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-832-312-40

Query Match 99.8%; Score 1782; DB 9; Length 339;

Best Local Similarity 99.7%; Pred. No. 1.1e-127;

Matches 338; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 1 MSPSPALFCLGLGRVPAQSGPLPKPSLQALPSSLVPLEKPTLCQPGPGVDLYRLE 60

QY 61 KLSRRYQDQAVLFIPAMKRSAGRYCSYQNGSLWLSLPSQLQALPSSLVPLEKPTLCQPGPGVDLYRLE 120

Db 61 KLSRRYQDQAVLFIPAMKRSAGRYCSYQNGSLWLSLPSQLQALPSSLVPLEKPTLCQPGPGVDLYRLE 120

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Db 121 GPVSSGGDVTLQCTRYGDFDQFALYKSGDPAPYKNPWRWRASFPPIITVTAHSGTYRC 180

QY 181 YSFSSRDPLWNSPDSPLVLTGTSVTPSRLPTEPPSSVAEPSEATAEITVSTNKVFT 240

Db 181 YSFSSRDPLWNSPDSPLVLTGTSVTPSRLPTEPPSSVAEPSEATAEITVSTNKVFT 240

QY 241 TETSRITTSKESDPSAGPAGQYTKGNLVRIICLGAVILIIILAGFLAEDWHSRRLRH 300

Db 241 TETSRITTSKESDPSAGPAGQYTKGNLVRIICLGAVILIIILAGFLAEDWHSRRLRH 300

QY 301 RGRAVORPLPPLPPLPQTRKSHGGQDGGQDVHSGRLCS 339

Db 301 RGRAVORPLPPLPPLPQTRKSHGGQDGGQDVHSGRLCS 339

## RESULT 8

US-09-829-495-34

; Sequence 34, Application US/09829495

; Publication No. US20040001826A1

; GENERAL INFORMATION:

; APPLICANT: Busfield SJ

; APPLICANT: Valleval J

; APPLICANT: Jandrot-Perrus M

; APPLICANT: Vainchenker W

; APPLICANT: Gall DS

; APPLICANT: Qian MD

; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF

; FILE REFERENCE: 7853-234

; CURRENT APPLICATION NUMBER: US/09/829,495

; CURRENT FILING DATE: 2001-04-09

; PRIOR APPLICATION NUMBER: 09/610,118

; PRIOR FILING DATE: 2000-06-30

; PRIOR APPLICATION NUMBER: 09/503,387

; PRIOR FILING DATE: 2000-02-14

; PRIOR APPLICATION NUMBER: 09/454,824

; PRIOR FILING DATE: 1999-12-06

; PRIOR APPLICATION NUMBER: 09/345,468

; PRIOR FILING DATE: 1999-06-30

; NUMBER OF SEQ ID NOS: 78

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 34

; LENGTH: 339

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-829-495-34

Query Match 99.8%; Score 1782; DB 11; Length 339;

Best Local Similarity 99.7%; Pred. No. 1.1e-127;

Matches 338; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MSPSPALFCLGLGRVPAQSGPLPKPSLQALPSSLVPLEKPTLCQPGPGVDLYRLE 60

Db 1 MSPSPALFCLGLGRVPAQSGPLPKPSLQALPSSLVPLEKPTLCQPGPGVDLYRLE 60

QY 61 KLSRRYQDQAVLFIPAMKRSAGRYCSYQNGSLWLSLPSQLQALPSSLVPLEKPTLCQPGPGVDLYRLE 120

Db 61 KLSRRYQDQAVLFIPAMKRSAGRYCSYQNGSLWLSLPSQLQALPSSLVPLEKPTLCQPGPGVDLYRLE 120

QY 121 GPVSSGGDVTLQCTRYGDFDQFALYKSGDPAPYKNPWRWRASFPPIITVTAHSGTYRC 180

Db 121 GPVSSGGDVTLQCTRYGDFDQFALYKSGDPAPYKNPWRWRASFPPIITVTAHSGTYRC 180

QY 181 YSFSSRDPLWNSPDSPLVLTGTSVTPSRLPTEPPSSVAEPSEATAEITVSTNKVFT 240

Db 181 YSFSSRDPLWNSPDSPLVLTGTSVTPSRLPTEPPSSVAEPSEATAEITVSTNKVFT 240

QY 241 TETSRITTSKESDPSAGPAGQYTKGNLVRIICLGAVILIIILAGFLAEDWHSRRLRH 300

Db 241 TETSRITTSKESDPSAGPAGQYTKGNLVRIICLGAVILIIILAGFLAEDWHSRRLRH 300

QY 301 RGRAVORPLPPLPPLPQTRKSHGGQDGGQDVHSGRLCS 339

Db 301 RGRAVORPLPPLPPLPQTRKSHGGQDGGQDVHSGRLCS 339

## RESULT 9

US-09-829-495-36

; Sequence 36, Application US/09829495

; Publication No. US20040001826A1

; GENERAL INFORMATION:

; APPLICANT: Busfield SJ

; APPLICANT: Valleval J

; APPLICANT: Jandrot-Perrus M

; APPLICANT: Vainchenker W

; APPLICANT: Gall DS

; APPLICANT: Qian MD

; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF

; FILE REFERENCE: 7853-234

; CURRENT APPLICATION NUMBER: US/09/829,495

; CURRENT FILING DATE: 2001-04-09

; PRIOR APPLICATION NUMBER: 09/610,118

; PRIOR FILING DATE: 2000-06-30

; PRIOR APPLICATION NUMBER: 09/503,387

; PRIOR FILING DATE: 2000-02-14

; PRIOR APPLICATION NUMBER: 09/454,824

; PRIOR FILING DATE: 1999-12-06

; PRIOR APPLICATION NUMBER: 09/345,468

; PRIOR FILING DATE: 1999-06-30

; NUMBER OF SEQ ID NOS: 78

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 36

; LENGTH: 339

; TYPE: PRT



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; ORGANISM: Homo sapiens
US-09-829-495-36

Query Match          99.8%; Score 1782; DB 11; Length 339;
Best Local Similarity 99.7%; Pred. No. 1.1e-127;
Matches 338; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MSPPTALFCLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVDLVRL 60
Db 1 MSPPTALFCLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVDLVRL 60
QY 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWLSPLSDQLELVATGVFAKPSLSAQP 120
Db 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWLSPLSDQLELVATGVFAKPSLSAQP 120
QY 121 GRAVSSGGDVTLCQOTRYGDFQFALYKGGDPAPYKNPERWYRASFPFIITVTAHSGTYRC 180
Db 121 GRAVSSGGDVTLCQOTRYGDFQFALYKGGDPAPYKNPERWYRASFPFIITVTAHSGTYRC 180
QY 181 YFSRRDPYLMASDDELVLVVTGTSVTPSRSLPTEPPSSVAEFSSEATAELTVSFTNKVFT 240
Db 181 YFSRRDPYLMASDDELVLVVTGTSVTPSRSLPTEPPSSVAEFSSEATAELTVSFTNKVFT 240
QY 241 TETSRITTSKESDSPAGPARQYTKGNLVRLICLGAVALIILAGFLAEDWHSRRKRLRH 300
Db 241 TETSRITTSKESDSPAGPARQYTKGNLVRLICLGAVALIILAGFLAEDWHSRRKRLRH 300
QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSRGLCS 339
Db 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSRGLCS 339

RESULT 11
US-09-829-495-40
; Sequence 40, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 339
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-40

Query Match          99.8%; Score 1782; DB 11; Length 339;
Best Local Similarity 99.7%; Pred. No. 1.1e-127;
Matches 338; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MSPPTALFCLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVDLVRL 60
Db 1 MSPPTALFCLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVDLVRL 60
QY 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWLSPLSDQLELVATGVFAKPSLSAQP 120
Db 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWLSPLSDQLELVATGVFAKPSLSAQP 120
QY 121 GRAVSSGGDVTLCQOTRYGDFQFALYKGGDPAPYKNPERWYRASFPFIITVTAHSGTYRC 180
Db 121 GRAVSSGGDVTLCQOTRYGDFQFALYKGGDPAPYKNPERWYRASFPFIITVTAHSGTYRC 180
QY 181 YFSRRDPYLMASDDELVLVVTGTSVTPSRSLPTEPPSSVAEFSSEATAELTVSFTNKVFT 240
Db 181 YFSRRDPYLMASDDELVLVVTGTSVTPSRSLPTEPPSSVAEFSSEATAELTVSFTNKVFT 240
QY 241 TETSRITTSKESDSPAGPARQYTKGNLVRLICLGAVALIILAGFLAEDWHSRRKRLRH 300
Db 241 TETSRITTSKESDSPAGPARQYTKGNLVRLICLGAVALIILAGFLAEDWHSRRKRLRH 300

RESULT 10
US-09-829-495-38
; Sequence 38, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 339
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-38

Query Match          99.8%; Score 1782; DB 11; Length 339;
Best Local Similarity 99.7%; Pred. No. 1.1e-127;
Matches 338; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MSPPTALFCLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVDLVRL 60
Db 1 MSPPTALFCLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVDLVRL 60
QY 61 KLSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWLSPLSDQLELVATGVFAKPSLSAQP 120

```

QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGRLCS 339  
 Db |||||

QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGRLCS 339  
 Db |||||

RESULT 12  
 US-10-446-826-5  
 ; Sequence 5, Application US/10446826  
 ; Publication No. US20030186885A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: TANDON, NARENDRA N.  
 ; APPLICANT: SUN, BING  
 ; APPLICANT: NAKAMURA, TAKASHI  
 ; APPLICANT: YAMAMOTO, NAOMASA  
 ; TITLE OF INVENTION: PLATELET MEMBRANE GLYCOPROTEIN VI (GPVI) DNA AND  
 ; TITLE OF INVENTION: PROTEIN SEQUENCES, AND USES THEREOF  
 ; FILE REFERENCE: 03459.0026-00000  
 ; CURRENT APPLICATION NUMBER: US/10/446,826  
 ; CURRENT FILING DATE: 2003-05-29  
 ; PRIOR APPLICATION NUMBER: US/09/653,255B  
 ; PRIOR FILING DATE: 2000-08-31  
 ; PRIOR APPLICATION NUMBER: PCT/US00/23975  
 ; PRIOR FILING DATE: 2000-09-01  
 ; PRIOR APPLICATION NUMBER: 60/152,197  
 ; PRIOR FILING DATE: 1999-09-01  
 ; PRIOR APPLICATION NUMBER: 60/158,251  
 ; PRIOR FILING DATE: 1999-10-08  
 ; NUMBER OF SEQ ID NOS: 37  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 5  
 ; LENGTH: 339  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-446-826-5

Query Match 98.5%; Score 1759; DB 14; Length 339;  
 Best Local Similarity 99.1%; Pred. No. 6e-126;  
 Matches 336; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSPSPALFCGLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVLDLYRLE 60  
 Db |||||

QY 1 MSPSPALFCGLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVLDLYRLE 60  
 Db |||||

QY 61 KLSSRYQDQAVLEIPAMKRSLAGRYCSYQNGSLWLSLPSDQLELVATGVFAKPSLSAQP 120  
 Db |||||

QY 61 KLSSRYQDQAVLEIPAMKRSLAGRYCSYQNGSLWLSLPSDQLELVATGVFAKPSLSAQP 120  
 Db |||||

QY 121 GPAVSSGGDVTLCQTRYGDFQFALYKEGDPAPYKNPERWYRASFPITVTAHSGTYRC 180  
 Db |||||

QY 121 GPAVSSGGDVTLCQTRYGDFQFALYKEGDPAPYKNPERWYRASFPITVTAHSGTYRC 180  
 Db |||||

QY 181 YSFSSRDPLWLSAPSDPLELVGTGTSVTPSLPTEPPSSVAEFSAEATAELTVSFTNKVFT 240  
 Db |||||

QY 181 YSFSSRDPLWLSAPSDPLELVGTGTSVTPSLPTEPPSSVAEFSAEATAELTVSFTNKVFT 240  
 Db |||||

QY 241 TETSRITTSKESDSPAQAPQYTKGNLVICLGAVALIILAGFLAEDWHRRKELRH 300  
 Db |||||

QY 241 TETSRITTSKESDSPAQAPQYTKGNLVICLGAVALIILAGFLAEDWHRRKELRH 300  
 Db |||||

QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGRLCS 339  
 Db |||||

QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGRLCS 339  
 Db |||||

181 YSFSSRDPLWLSAPSDPLELVGTGTSVTPSLPTEPPSSVAEFSAEATAELTVSFTNKVFT 240  
 Db |||||

181 YSFSSRDPLWLSAPSDPLELVGTGTSVTPSLPTEPPSSVAEFSAEATAELTVSFTNKVFT 240  
 Db |||||

241 TETSRITTSKESDSPAQAPQYTKGNLVICLGAVALIILAGFLAEDWHRRKELRH 300  
 Db |||||

241 TETSRITTSKESDSPAQAPQYTKGNLVICLGAVALIILAGFLAEDWHRRKELRH 300  
 Db |||||

301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGRLCS 339  
 Db |||||

301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGRLCS 339  
 Db |||||

RESULT 13  
 US-10-446-826-5  
 ; Sequence 5, Application US/10446826  
 ; Publication No. US20040152628A9  
 ; GENERAL INFORMATION:  
 ; APPLICANT: TANDON, NARENDRA N.  
 ; APPLICANT: SUN, BING  
 ; APPLICANT: NAKAMURA, TAKASHI

APPLICANT: YAMAMOTO, NAOMASA  
 ; TITLE OF INVENTION: PLATELET MEMBRANE GLYCOPROTEIN VI (GPVI) DNA AND  
 ; TITLE OF INVENTION: PROTEIN SEQUENCES, AND USES THEREOF  
 ; FILE REFERENCE: 03459.0026-00000  
 ; CURRENT APPLICATION NUMBER: US/10/446,826  
 ; CURRENT FILING DATE: 2003-05-29  
 ; PRIOR APPLICATION NUMBER: US/09/653,255B  
 ; PRIOR FILING DATE: 2000-08-31  
 ; PRIOR APPLICATION NUMBER: PCT/US00/23975  
 ; PRIOR FILING DATE: 2000-09-01  
 ; PRIOR APPLICATION NUMBER: 60/152,197  
 ; PRIOR FILING DATE: 1999-09-01  
 ; PRIOR APPLICATION NUMBER: 60/158,251  
 ; PRIOR FILING DATE: 1999-10-08  
 ; NUMBER OF SEQ ID NOS: 37  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 5  
 ; LENGTH: 339  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-446-826-5

Query Match 98.5%; Score 1759; DB 16; Length 339;  
 Best Local Similarity 99.1%; Pred. No. 6e-126;  
 Matches 336; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSPSPALFCGLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVLDLYRLE 60  
 Db |||||

QY 1 MSPSPALFCGLGCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPPGVLDLYRLE 60  
 Db |||||

QY 61 KLSSRYQDQAVLEIPAMKRSLAGRYCSYQNGSLWLSLPSDQLELVATGVFAKPSLSAQP 120  
 Db |||||

QY 61 KLSSRYQDQAVLEIPAMKRSLAGRYCSYQNGSLWLSLPSDQLELVATGVFAKPSLSAQP 120  
 Db |||||

QY 121 GPAVSSGGDVTLCQTRYGDFQFALYKEGDPAPYKNPERWYRASFPITVTAHSGTYRC 180  
 Db |||||

QY 121 GPAVSSGGDVTLCQTRYGDFQFALYKEGDPAPYKNPERWYRASFPITVTAHSGTYRC 180  
 Db |||||

QY 181 YSFSSRDPLWLSAPSDPLELVGTGTSVTPSLPTEPPSSVAEFSAEATAELTVSFTNKVFT 240  
 Db |||||

QY 181 YSFSSRDPLWLSAPSDPLELVGTGTSVTPSLPTEPPSSVAEFSAEATAELTVSFTNKVFT 240  
 Db |||||

QY 241 TETSRITTSKESDSPAQAPQYTKGNLVICLGAVALIILAGFLAEDWHRRKELRH 300  
 Db |||||

QY 241 TETSRITTSKESDSPAQAPQYTKGNLVICLGAVALIILAGFLAEDWHRRKELRH 300  
 Db |||||

QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGRLCS 339  
 Db |||||

QY 301 RGRAVORPLPPLPQTRKSHGGQDGRQDVHSGRLCS 339  
 Db |||||

RESULT 14  
 US-09-832-312-5  
 ; Sequence 5, Application US/09832312  
 ; Patent No. US20010049829A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield et al.  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-234  
 ; CURRENT APPLICATION NUMBER: US/09/832,312  
 ; CURRENT FILING DATE: 2001-04-09  
 ; PRIOR APPLICATION NUMBER: 09/610,118  
 ; PRIOR FILING DATE: 2000-06-30  
 ; PRIOR APPLICATION NUMBER: 09/503,387  
 ; PRIOR FILING DATE: 2000-02-14  
 ; PRIOR APPLICATION NUMBER: 09/454,824  
 ; PRIOR FILING DATE: 1999-12-06  
 ; PRIOR APPLICATION NUMBER: 09/345,468  
 ; PRIOR FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 78  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 5  
 ; LENGTH: 319

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-5
Query Match          94.0%; Score 1678; DB 9; Length 319;
Best Local Similarity 100.0%; Pred. No. 8.4e-120;
Matches 319; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 QSGFLPKSLQALPSLSVPLEKPVTLRCQPGVDLYRLEKLSRRYQDQAVLFIPAMKR 80
DB 1  QSGFLPKSLQALPSLSVPLEKPVTLRCQPGVDLYRLEKLSRRYQDQAVLFIPAMKR 60

QY 81 SLAGRYRCYQNGSLWSPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQTRYGF 140
DB 61 SLAGRYRCYQNGSLWSPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQTRYGF 120

QY 141 DQFALYKEGDPAKYKNPERWYRASFPITVTAHSGTYRCYCSFSSRDPLYMSAPSDPLEL 200
DB 121 DQFALYKEGDPAKYKNPERWYRASFPITVTAHSGTYRCYCSFSSRDPLYMSAPSDPLEL 180

QY 201 VVTGTSVTPSRLETPPPSSVAEFSATAELTVSFNTKVFVTTTSRITTSRKESDSPAGP 260
DB 181 VVTGTSVTPSRLETPPPSSVAEFSATAELTVSFNTKVFVTTTSRITTSRKESDSPAGP 240

QY 261 ARQYTKGNLVRCICGAVILIIILAGFLAEDWHSRRKLRHGRAVQRPPLPPLPQTRK 320
DB 241 ARQYTKGNLVRCICGAVILIIILAGFLAEDWHSRRKLRHGRAVQRPPLPPLPQTRK 300

QY 321 SHGGQDGGQDVHSGRLCS 339
DB 301 SHGGQDGGQDVHSGRLCS 319
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Search completed: December 18, 2004, 16:58:06  
Job time : 375.489 secs

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RESULT 15
US-09-829-495-5
; Sequence 5, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; PRIOR FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 319
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-5

Query Match          94.0%; Score 1678; DB 11; Length 319;
Best Local Similarity 100.0%; Pred. No. 8.4e-120;
Matches 319; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 QSGFLPKSLQALPSLSVPLEKPVTLRCQPGVDLYRLEKLSRRYQDQAVLFIPAMKR 80
DB 1  QSGFLPKSLQALPSLSVPLEKPVTLRCQPGVDLYRLEKLSRRYQDQAVLFIPAMKR 60

QY 81 SLAGRYRCYQNGSLWSPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQTRYGF 140
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OM protein - protein search, using sw model

Run on: December 18, 2004, 16:11:14 : Search time 89.1662 Seconds  
(without alignments)  
252.134 Million cell updates/sec

Title: US-09-610-118-3  
Perfect score: 1786  
Sequence: 1 MSPPTALFCLGLCLGRVPA.....KSHGGQDGRQDVHSGRLCS 339

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 478139 segs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

- 1: /cgn2\_6/prodata/1/aa/5A-COMB.pep.\*
- 2: /cgn2\_6/prodata/1/aa/5B-COMB.pep.\*
- 3: /cgn2\_6/prodata/1/aa/5A-COMB.pep.\*
- 4: /cgn2\_6/prodata/1/aa/5B-COMB.pep.\*
- 5: /cgn2\_6/prodata/1/aa/5A-COMB.pep.\*
- 6: /cgn2\_6/prodata/1/aa/5B-COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	1786	100.0	339	3	US-09-345-468-3
2	1786	100.0	339	3	US-09-414-453A-3
3	1678	94.0	319	3	US-09-345-468-5
4	1678	94.0	319	3	US-09-414-453A-5
5	1304	73.0	249	3	US-09-345-468-9
6	1304	73.0	249	3	US-09-414-453A-9
7	1122	62.8	313	3	US-09-345-468-16
8	1122	62.8	313	3	US-09-414-453A-16
9	1080.5	60.5	292	3	US-09-345-468-18
10	1080.5	60.5	292	3	US-09-414-453A-18
11	937	52.5	267	3	US-09-345-468-19
12	937	52.5	267	3	US-09-414-453A-19
13	498	27.9	447	4	US-09-746-311B-379
14	498	27.9	448	4	US-09-310-463-18
15	498	27.9	448	4	US-08-842-248A-18
16	477	26.7	289	3	US-09-310-463-12
17	477	26.7	289	3	US-08-842-248A-12
18	455	25.5	299	3	US-09-310-463-30
19	454	25.4	631	3	US-09-345-468-12
20	454	25.4	631	3	US-09-414-453A-12
21	449	25.1	631	3	US-09-310-463-20
22	449	25.1	631	4	US-08-842-248A-20
23	441	24.7	466	4	US-09-944-807-12
24	441	24.7	483	3	US-09-310-463-16
25	441	24.7	483	4	US-08-842-248A-16
26	438.5	24.6	489	3	US-09-310-463-14
27	438.5	24.6	489	4	US-08-842-248A-14

28	438	24.5	431	3	US-08-985-950-14	Sequence 14, Appl
29	438	24.5	431	3	US-08-985-950-20	Sequence 20, Appl
30	438	24.5	431	4	US-09-546-049-14	Sequence 14, Appl
31	438	24.5	431	4	US-09-546-049-20	Sequence 20, Appl
32	434	24.3	598	3	US-09-310-463-10	Sequence 10, Appl
33	434	24.3	598	3	US-08-842-248A-10	Sequence 10, Appl
34	434	24.3	615	3	US-08-985-950-16	Sequence 16, Appl
35	434	24.3	615	3	US-08-985-950-18	Sequence 18, Appl
36	434	24.3	615	4	US-09-546-049-16	Sequence 16, Appl
37	434	24.3	615	4	US-09-546-049-18	Sequence 18, Appl
38	430	24.1	597	4	US-09-746-311B-381	Sequence 381, Appl
39	429	24.0	590	4	US-09-310-463-22	Sequence 22, Appl
40	429	24.0	590	4	US-08-842-248A-22	Sequence 22, Appl
41	425.5	23.8	650	3	US-09-310-463-2	Sequence 2, Appl
42	425.5	23.8	650	4	US-08-842-248A-2	Sequence 2, Appl
43	425.5	23.8	651	3	US-08-985-950-22	Sequence 22, Appl
44	425.5	23.8	651	4	US-09-546-049-22	Sequence 22, Appl
45	422	23.6	287	3	US-09-310-463-32	Sequence 32, Appl

ALIGNMENTS

RESULT 1  
US-09-345-468-3  
; Sequence 3, Application US/09345468-3  
; Patent No. 6245527  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, S.  
; APPLICANT: Villaveal, J.  
; APPLICANT: Jandro-Perrus, M.  
; APPLICANT: Vainchenker, W.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-147  
; CURRENT APPLICATION NUMBER: US/09/345.468  
; CURRENT FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; LENGTH: 339  
US-09-345-468-3

Query Match	100.0%	Score 1786;	DB 3;	Length 339;
Best Local Similarity	100.0%	Pred. No. 1.1e-157;		
Matches 339;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MSPPTALFCLGLCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPQVDLYRLE	60	
Db	1	MSPPTALFCLGLCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPQVDLYRLE	60	
QY	61	KLSSRYODQAVLTPAMKSLAGRYCSYQNGSLWLSRSDQLELVATGVFAKPSLSAQP	120	
Db	61	KLSSRYODQAVLTPAMKSLAGRYCSYQNGSLWLSRSDQLELVATGVFAKPSLSAQP	120	
QY	121	GPVSSGGDVTLCQCTRYGDFQFALYKEGDPAPYKPERWYRASPIITVTAHSGTYRC	180	
Db	121	GPVSSGGDVTLCQCTRYGDFQFALYKEGDPAPYKPERWYRASPIITVTAHSGTYRC	180	
QY	181	YFSRSDPFLWSAPSDPLELVVTGTSVTPSRLLTEPPSSVAEFSATBLTYSFTNKVFT	240	
Db	181	YFSRSDPFLWSAPSDPLELVVTGTSVTPSRLLTEPPSSVAEFSATBLTYSFTNKVFT	240	
QY	241	TETRSITTSKESDSDPAGPARQYTTKGNLVRLCLGAVILILAGFLADWHSRRKRLRH	300	
Db	241	TETRSITTSKESDSDPAGPARQYTTKGNLVRLCLGAVILILAGFLADWHSRRKRLRH	300	
QY	301	RGRAVQRLPPLPPLPOTRKHGGQDGRQDVHSGRLCS	339	
Db	301	RGRAVQRLPPLPPLPOTRKHGGQDGRQDVHSGRLCS	339	

RESULT 2  
US-09-414-453A-3  
; Sequence 3, Application US/09414453A  
; Patent No. 6383779  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, S.  
; APPLICANT: Valleval, J.  
; APPLICANT: Jandrot-Perrus, M.  
; APPLICANT: Vainchenker, W.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-147  
; CURRENT APPLICATION NUMBER: US/09/414,453A  
; CURRENT FILING DATE: 1999-10-07  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; LENGTH: 339  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-414-453A-3

Query Match 100.0%; Score 1786; DB 3; Length 339;  
Best Local Similarity 100.0%; Pred. No. 1.1e-157; Mismatches 0; Indels 0; Gaps 0;  
Matches 339; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSPSPALFCGLGCRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDLYRLE 60  
DB 1 MSPSPALFCGLGCRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDLYRLE 60  
QY 61 KLSRSSYQOAVLFIPAMKRSYQNGSLWSPDQLELVATGVFAKPSLSAQP 120  
DB 61 KLSRSSYQOAVLFIPAMKRSYQNGSLWSPDQLELVATGVFAKPSLSAQP 120  
QY 121 GPVSSGGDVTLQCQRYGDFQFALYKSGDPAPYKNERWRASFPPIITVTAHSGTYRC 180  
DB 121 GPVSSGGDVTLQCQRYGDFQFALYKSGDPAPYKNERWRASFPPIITVTAHSGTYRC 180  
QY 181 YPSSSDPYLWAPSDELVTGTSVTPSRLPTEPPSSVAEFSEATAELTVSFTNKVFT 240  
DB 181 YPSSSDPYLWAPSDELVTGTSVTPSRLPTEPPSSVAEFSEATAELTVSFTNKVFT 240  
QY 241 TETSRITTSKESDSPAGPQYTKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLH 300  
DB 241 TETSRITTSKESDSPAGPQYTKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLH 300  
QY 301 RGRAVORPLPPLPQTRKSHGGQGGQDGVHSGGLCS 339  
DB 301 RGRAVORPLPPLPQTRKSHGGQGGQDGVHSGGLCS 339

RESULT 3  
US-09-345-468-5  
; Sequence 5, Application US/09345468  
; Patent No. 6245527  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, S.  
; APPLICANT: Valleval, J.  
; APPLICANT: Jandrot-Perrus, M.  
; APPLICANT: Vainchenker, W.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-147  
; CURRENT APPLICATION NUMBER: US/09/345,468  
; CURRENT FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 5  
; LENGTH: 319  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-345-468-5

Query Match 94.0%; Score 1678; DB 3; Length 319;  
Best Local Similarity 100.0%; Pred. No. 1.1e-147; Mismatches 0; Indels 0; Gaps 0;  
Matches 319; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 QSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDLYRLEKLSRSSRYQDQAVLFIPAMKR 80  
DB 1 QSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDLYRLEKLSRSSRYQDQAVLFIPAMKR 60  
QY 81 SLAGRYCSYQNGSLWSPDQLELVATGVFAKPSLSAQPQPAVSSGGDVTLQCQRYG 140  
DB 61 SLAGRYCSYQNGSLWSPDQLELVATGVFAKPSLSAQPQPAVSSGGDVTLQCQRYG 120  
QY 141 DQFALYKSGDPAPYKNERWRASFPPIITVTAHSGTYRCYSPSSRDPYLSAPSDPLEL 200  
DB 121 DQFALYKSGDPAPYKNERWRASFPPIITVTAHSGTYRCYSPSSRDPYLSAPSDPLEL 180  
QY 201 VWTGTSVTPSRLPTEPPSSVAEFSEATAELTVSFTNKVFTTETSRITTSKESDSPAG 260  
DB 181 VWTGTSVTPSRLPTEPPSSVAEFSEATAELTVSFTNKVFTTETSRITTSKESDSPAG 240  
QY 261 ARQYITKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLHGRVAVQRPPLPPLPQTRK 320  
DB 241 ARQYITKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLHGRVAVQRPPLPPLPQTRK 300  
QY 321 SHGGQGGQDGVHSGGLCS 339  
DB 301 SHGGQGGQDGVHSGGLCS 319

RESULT 4  
US-09-414-453A-5  
; Sequence 5, Application US/09414453A  
; Patent No. 6383779  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, S.  
; APPLICANT: Valleval, J.  
; APPLICANT: Jandrot-Perrus, M.  
; APPLICANT: Vainchenker, W.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-147  
; CURRENT APPLICATION NUMBER: US/09/414,453A  
; CURRENT FILING DATE: 1999-10-07  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 5  
; LENGTH: 319  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-414-453A-5

Query Match 94.0%; Score 1678; DB 3; Length 319;  
Best Local Similarity 100.0%; Pred. No. 1.1e-147; Mismatches 0; Indels 0; Gaps 0;  
Matches 319; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 QSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDLYRLEKLSRSSRYQDQAVLFIPAMKR 80  
DB 1 QSGPLPKPSLQALPSSLVPLEKPVTLRCQPPGVLDLYRLEKLSRSSRYQDQAVLFIPAMKR 60  
QY 81 SLAGRYCSYQNGSLWSPDQLELVATGVFAKPSLSAQPQPAVSSGGDVTLQCQRYG 140  
DB 61 SLAGRYCSYQNGSLWSPDQLELVATGVFAKPSLSAQPQPAVSSGGDVTLQCQRYG 120  
QY 141 DQFALYKSGDPAPYKNERWRASFPPIITVTAHSGTYRCYSPSSRDPYLSAPSDPLEL 200  
DB 121 DQFALYKSGDPAPYKNERWRASFPPIITVTAHSGTYRCYSPSSRDPYLSAPSDPLEL 180  
QY 201 VWTGTSVTPSRLPTEPPSSVAEFSEATAELTVSFTNKVFTTETSRITTSKESDSPAG 260  
DB 181 VWTGTSVTPSRLPTEPPSSVAEFSEATAELTVSFTNKVFTTETSRITTSKESDSPAG 240  
QY 261 ARQYITKGNLVRIICLGAVILIIILAGFLAEDWHSRRKRLHGRVAVQRPPLPPLPQTRK 320

Db 241 ARQYTKGNLVRLICLAVLIIILAGFLAEDWHSRRKRLRHGRAVORLPLPLPOTRK 300  
QY 321 SHGGQDGRQDVHSRGLCS 339  
Db 301 SHGGQDGRQDVHSRGLCS 319.  
RESULT 5  
US-09-345-468-9  
; Sequence 9, Application US/09345468  
; Patent No. 6245527  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, S.  
; APPLICANT: Villevall, J.  
; APPLICANT: Jandrot-Perrus, M.  
; APPLICANT: Vainchenker, W.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-147  
; CURRENT APPLICATION NUMBER: US/09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 9  
; LENGTH: 249  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-345-468-9

Query Match 73.0%; Score 1304; DB 3; Length 249;  
Best Local Similarity 100.0%; Pred. No. 4.2e-113;  
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 21 QSGPLPKSLQALPSSLVPLEKPVTLRCQGGPGVDLYRLEKLSRRYQDQAVLFIPAMKR 80  
Db 1 QSGPLPKSLQALPSSLVPLEKPVTLRCQGGPGVDLYRLEKLSRRYQDQAVLFIPAMKR 60  
QY 81 SLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQTRYGF 140  
Db 61 SLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQTRYGF 120  
QY 141 DQFALYKEDGPAPYKNPERWYASFPPIITVTAHSGTYRCYFSFSDPYLWSAPSDPLEL 200  
Db 141 DQFALYKEDGPAPYKNPERWYASFPPIITVTAHSGTYRCYFSFSDPYLWSAPSDPLEL 200  
QY 201 VVTGTSVTPSRLEPTEPPSSVAEFSAEATAELTVSFNKNVFTTTSRSTTSFKESDSPAGP 260  
Db 181 VVTGTSVTPSRLEPTEPPSSVAEFSAEATAELTVSFNKNVFTTTSRSTTSFKESDSPAGP 240  
QY 261 ARQYTKGN 269  
Db 241 ARQYTKGN 249

RESULT 6  
US-09-414-453A-9  
; Sequence 9, Application US/09414453A  
; Patent No. 6383779  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, S.  
; APPLICANT: Villevall, J.  
; APPLICANT: Jandrot-Perrus, M.  
; APPLICANT: Vainchenker, W.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-147  
; CURRENT APPLICATION NUMBER: US/09/414,453A  
; PRIOR FILING DATE: 1999-10-07  
; PRIOR FILING DATE: 09/345,468  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 9  
; LENGTH: 249

; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-414-453A-9  
Query Match 73.0%; Score 1304; DB 3; Length 249;  
Best Local Similarity 100.0%; Pred. No. 4.2e-113;  
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 21 QSGPLPKSLQALPSSLVPLEKPVTLRCQGGPGVDLYRLEKLSRRYQDQAVLFIPAMKR 80  
Db 1 QSGPLPKSLQALPSSLVPLEKPVTLRCQGGPGVDLYRLEKLSRRYQDQAVLFIPAMKR 60  
QY 81 SLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQTRYGF 140  
Db 61 SLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQTRYGF 120  
QY 141 DQFALYKEDGPAPYKNPERWYASFPPIITVTAHSGTYRCYFSFSDPYLWSAPSDPLEL 200  
Db 121 DQFALYKEDGPAPYKNPERWYASFPPIITVTAHSGTYRCYFSFSDPYLWSAPSDPLEL 180  
QY 201 VVTGTSVTPSRLEPTEPPSSVAEFSAEATAELTVSFNKNVFTTTSRSTTSFKESDSPAGP 260  
Db 181 VVTGTSVTPSRLEPTEPPSSVAEFSAEATAELTVSFNKNVFTTTSRSTTSFKESDSPAGP 240  
QY 261 ARQYTKGN 269  
Db 241 ARQYTKGN 249

RESULT 7  
US-09-345-468-16  
; Sequence 16, Application US/09345468  
; Patent No. 6245527  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, S.  
; APPLICANT: Villevall, J.  
; APPLICANT: Jandrot-Perrus, M.  
; APPLICANT: Vainchenker, W.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-147  
; CURRENT APPLICATION NUMBER: US/09/345,468  
; CURRENT FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 16  
; LENGTH: 313  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-345-468-16

Query Match 62.8%; Score 1122; DB 3; Length 313;  
Best Local Similarity 69.4%; Pred. No. 4.6e-96;  
Matches 218; Conservative 25; Mismatches 67; Indels 4; Gaps 2;  
QY 1 MSPSPTALFCLGLC-LGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPGVDLYRL 59  
Db 1 MSPSPTFCCIGLCVLQVIQTQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPGVDLYRL 60  
QY 60 EKLSSRYQDQAVLFIPAMKSLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQ 119  
Db 61 EKLKFEYEDQDFLEFTMERSNAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAH 120  
QY 120 PGPAVSSGGDVTLCQTRYGFQFALYKEDGPAPYKNPERWYASFPPIITVTAHSGTYR 179  
Db 121 PSSAVPQGRDVTLCQSPYSEDFEVLKEDGTGPKPEKNWYANPFIITVTAHSGTYR 180  
QY 180 CYSFSSRDPLYLWSAPSDPLELVTTGTSVTPSRLEPTEPPSSVAEFSAEATAELTVSFNKNV 239  
Db 181 CYSFSSRDPLYLWSAPSDPLELVTTGTSVTPSRLEPTEPPSSVAEFSAEATAELTVSFNKNV 237  
QY 240 TTESTRSITTSFKESDSPAGPFAQYTKGNLVRLICLAVLIIILAGFLAEDWHSRRKRLR 299  
Db 238 TTEKPMNITASPEGLSPPIGFAHQYAKGNLVRLICLAVLIIILAGFLAEDWHSRRKRLR 297



QY 300 HRCRAVORLPLP 313  
 Db 298 HRCRAVORLPLP 311

RESULT 8  
 US-09-414-453A-16  
 ; Sequence 16, Application US/09414453A  
 ; Patent No. 6383779  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield, S.  
 ; APPLICANT: Vallevai, J.  
 ; APPLICANT: Jandrot-Perrus, M.  
 ; APPLICANT: Vainchenker, W.  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-147  
 ; CURRENT APPLICATION NUMBER: US/09/414,453A  
 ; CURRENT FILING DATE: 1999-10-07  
 ; PRIOR APPLICATION NUMBER: 09/345,468  
 ; PRIOR FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 16  
 ; LENGTH: 313  
 ; TYPE: PRT  
 ; ORGANISM: Mus musculus  
 US-09-414-453A-16

Query Match 62.8%; Score 1122; DB 3; Length 313;  
 Best Local Similarity 69.4%; Pred. No. 4.6e-96;  
 Matches 218; Conservative 25; Mismatches 67; Indels 4; Gaps 2;  
 QY 1 MSPSPTALFCGLIC-LGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPVDLYRL 59  
 Db 1 MSPASTFFCIGLVQVLTQSGPLPKPSLQALPSSLVPLGQSVILRCQGGPVDLYRL 60  
 QY 60 EKLSSRYQDQAVLFTPAMKRLAGRYCSYQNGSLWSPDQLELVATGVAFKPSLSAQ 119  
 Db 61 EKLKPKYDQDFLFTPTMERSNAGRYCSYQNGSHWSLPSDQLELVATGVAFKPSLSAH 120  
 QY 120 PGPAVSGGVDVTLQCTRYGFGQFALYKGGDPAPYKPERMYRASFPFIITVTAHSGTYR 179  
 Db 121 PSSAVPQGRDVLTKCQSPYSFDEFVLYKGGDTGPKYRKYRANFPIITVTAHSGTYR 180  
 QY 180 CYFSRSDVLYSASDPLELVLTGTSVTPSLTEPPSSVAEFSEATLTVSFTNKIS 239  
 Db 181 CYFSRSSPVLWSAPSDPLVLVTGLSATPSQVPTESFPVTSSRRPSILP---TNKIS 237  
 QY 240 TTETSRITSPKESDSPAGPARQYTKGNLVRLICGAVILIILAGFLAEDWHSRKRRLR 299  
 Db 238 TTEKPMNITASPEGLSPPIGFAHQYKGNLVRLICGAVILIILGLLAEDWHSRKKCLQ 297  
 QY 300 HRCRAVORLPLP 313  
 Db 298 HRCRAVORLPLP 311

RESULT 9  
 US-09-345-468-18  
 ; Sequence 18, Application US/09345468  
 ; Patent No. 6245527  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield, S.  
 ; APPLICANT: Vallevai, J.  
 ; APPLICANT: Jandrot-Perrus, M.  
 ; APPLICANT: Vainchenker, W.  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-147  
 ; CURRENT APPLICATION NUMBER: US/09/345,468  
 ; CURRENT FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 18  
 ; LENGTH: 292  
 ; TYPE: PRT  
 ; ORGANISM: Mus musculus  
 US-09-345-468-18

Query Match 60.5%; Score 1080.5; DB 3; Length 292;  
 Best Local Similarity 71.3%; Pred. No. 3e-92;  
 Matches 209; Conservative 22; Mismatches 59; Indels 3; Gaps 1;  
 QY 21 QSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPVDLYRLKLSRYSYQDQAVLFTPAMKR 80  
 Db 1 QSGPLPKPSLQALPSSLVPLGQSVILRCQGGPVDLYRLKLPKPKYDQDFLFTPTMER 60  
 QY 81 SLAGRYCSYQNGSLWSPDQLELVATGVAFKPSLSAQPGPAVSGGVDVTLQCTRYGF 140  
 Db 61 SNAGRYCSYQNGSHWSLPSDQLELVATGVAFKPSLSAHPSSAVPQGRDVLTKCQSPYSF 120  
 QY 141 DQFALYKGGDPAPYKPERMYRASFPFIITVTAHSGTYRCSYFSRSDPYLWSAPSDPLEL 200  
 Db 121 DEFVLYKGGDTGPKYRKYRANFPIITVTAHSGTYRCSYFSRSSPYLWSAPSDPLVL 180  
 QY 201 VVTGTSVTPSLTEPPSSVAEFSEATLTVSFTNKVFTTETSRITSPKESDSPAGP 260  
 Db 181 VVTGLSATPSQVPTESFPVTSSRRPSILP---TNKISTTEKPMNITASPEGLSPPIGF 237  
 QY 261 ARQYTKGNLVRLICGAVILIILAGFLAEDWHSRKRRLRHGRVORLPLP 313  
 Db 238 AHQYKGNLVRLICGAVILIILGLLAEDWHSRKKCLQHRMRLQRLPLP 290

RESULT 10  
 US-09-414-453A-18  
 ; Sequence 18, Application US/09414453A  
 ; Patent No. 6383779  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield, S.  
 ; APPLICANT: Vallevai, J.  
 ; APPLICANT: Jandrot-Perrus, M.  
 ; APPLICANT: Vainchenker, W.  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-147  
 ; CURRENT APPLICATION NUMBER: US/09/414,453A  
 ; CURRENT FILING DATE: 1999-10-07  
 ; PRIOR APPLICATION NUMBER: 09/345,468  
 ; PRIOR FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 18  
 ; LENGTH: 292  
 ; TYPE: PRT  
 ; ORGANISM: Mus musculus  
 US-09-414-453A-18

Query Match 60.5%; Score 1080.5; DB 3; Length 292;  
 Best Local Similarity 71.3%; Pred. No. 3e-92;  
 Matches 209; Conservative 22; Mismatches 59; Indels 3; Gaps 1;  
 QY 21 QSGPLPKPSLQALPSSLVPLEKPVTLRCQGGPVDLYRLKLSRYSYQDQAVLFTPAMKR 80  
 Db 1 QSGPLPKPSLQALPSSLVPLGQSVILRCQGGPVDLYRLKLPKPKYDQDFLFTPTMER 60  
 QY 81 SLAGRYCSYQNGSLWSPDQLELVATGVAFKPSLSAQPGPAVSGGVDVTLQCTRYGF 140  
 Db 61 SNAGRYCSYQNGSHWSLPSDQLELVATGVAFKPSLSAHPSSAVPQGRDVLTKCQSPYSF 120  
 QY 141 DQFALYKGGDPAPYKPERMYRASFPFIITVTAHSGTYRCSYFSRSDPYLWSAPSDPLEL 200  
 Db 121 DEFVLYKGGDTGPKYRKYRANFPIITVTAHSGTYRCSYFSRSSPYLWSAPSDPLVL 180  
 QY 201 VVTGTSVTPSLTEPPSSVAEFSEATLTVSFTNKVFTTETSRITSPKESDSPAGP 260  
 Db 181 VVTGLSATPSQVPTESFPVTSSRRPSILP---TNKISTTEKPMNITASPEGLSPPIGF 237

QY 261 ARQYTKGNLVRLICGLAVIILAGFLAEDWHSREKRLRHRGRAVORPLPLP 313  
 Db 238 AHQYAKGNLVRLICGLAVIILAGFLAEDWHSRKCCLOHRMRALQRPPLPLP 290  
 RESULT 11  
 US-09-345-468-19  
 ; Sequence 19, Application US/09345468  
 ; Patent No. 6245527  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield, S.  
 ; APPLICANT: Villevall, J.  
 ; APPLICANT: Jandrot-Perrus, M.  
 ; APPLICANT: Vainchenker, W.  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-147  
 ; CURRENT APPLICATION NUMBER: US/09-345,468  
 ; CURRENT FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 19  
 ; LENGTH: 267  
 ; TYPE: PRT  
 ; ORGANISM: Mus musculus  
 US-09-345-468-19

Query Match 52.5%; Score 937; DB 3; Length 267;  
 Best Local Similarity 67.8%; Pred. No. 5.6e-79;  
 Matches 183; Conservative 21; Mismatches 62; Indels 4; Gaps 2;  
 QY 1 MSPPTALFCLGLC-LGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQPGVDLYRL 59  
 Db 1 MSPASPTFFCIGLCVQLVQIQTCSGPLPKPSLQALPSSLVPLGQSVILRCQPGVDLYRL 60  
 QY 60 EKLSSRYQDOAVLPIFAMKSLAGRYRCYQNGSLWSPDQLELVATGVFAKPSLSAQ 119  
 Db 61 EKLKEKYEDQDFLFIPTMERSNAGRYRCYQNGSHWSPDQLELIATGVYAKPSLSAH 120  
 QY 120 PGPAVSSGGDVTLOCQTRYGDFQFALYKEGDPAPYKXPERWYRASFPPIITVTAHSGTYR 179  
 Db 121 PSSAVPQGRDVTLCQSPYSDFEVLVYKEDGTGPKPEKRYRANFIITVTAHSGTYR 180  
 QY 180 CYSFSSRDPLWSPDLELVVTGTSVTPSRLETPPSSVAEFSATBLTVSFTNKVP 239  
 Db 181 CYSFSSSPYLWSPDPLVLTGSLATPSQVTESSFPVTESSRRPSILP---TNKIS 237  
 QY 240 TTETSRITTSPEKSDSPAGPARQYTKGN 269  
 Db 238 TTEKPMNITASPEGLSPPIGFAHQHYAKGN 267

RESULT 12  
 US-09-414-453A-19  
 ; Sequence 19, Application US/09414453A  
 ; Patent No. 6383779  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield, S.  
 ; APPLICANT: Villevall, J.  
 ; APPLICANT: Jandrot-Perrus, M.  
 ; APPLICANT: Vainchenker, W.  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-147  
 ; CURRENT APPLICATION NUMBER: US/09/414,453A  
 ; CURRENT FILING DATE: 1999-10-07  
 ; PRIOR APPLICATION NUMBER: 09/345,468  
 ; PRIOR FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 19  
 ; LENGTH: 267  
 ; TYPE: PRT  
 ; ORGANISM: Mus musculus

US-09-414-453A-19

Query Match 52.5%; Score 937; DB 3; Length 267;  
 Best Local Similarity 67.8%; Pred. No. 5.6e-79;  
 Matches 183; Conservative 21; Mismatches 62; Indels 4; Gaps 2;  
 QY 1 MSPPTALFCLGLC-LGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQPGVDLYRL 59  
 Db 1 MSPASPTFFCIGLCVQLVQIQTCSGPLPKPSLQALPSSLVPLGQSVILRCQPGVDLYRL 60  
 QY 60 EKLSSRYQDOAVLPIFAMKSLAGRYRCYQNGSLWSPDQLELVATGVFAKPSLSAQ 119  
 Db 61 EKLKEKYEDQDFLFIPTMERSNAGRYRCYQNGSHWSPDQLELIATGVYAKPSLSAH 120  
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 Db 121 PSSAVPQGRDVTLCQSPYSDFEVLVYKEDGTGPKPEKRYRANFIITVTAHSGTYR 180  
 QY 180 CYSFSSRDPLWSPDLELVVTGTSVTPSRLETPPSSVAEFSATBLTVSFTNKVP 239  
 Db 181 CYSFSSSPYLWSPDPLVLTGSLATPSQVTESSFPVTESSRRPSILP---TNKIS 237  
 QY 240 TTETSRITTSPEKSDSPAGPARQYTKGN 269  
 Db 238 TTEKPMNITASPEGLSPPIGFAHQHYAKGN 267

RESULT 13  
 US-09-746-311B-379  
 ; Sequence 379, Application US/09746311B  
 ; Patent No. 6759239  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Suciu-Poca, Nicole  
 ; APPLICANT: Liu, Zhuoro  
 ; APPLICANT: Chang, Chin-Chao  
 ; APPLICANT: Cortesini, Raffaello  
 ; TITLE OF INVENTION: Generation of Antigen-Specific T Suppressor Cells For Treatment of

; FILE REFERENCE: 0575/58332-B  
 ; CURRENT APPLICATION NUMBER: US/09/746,311B  
 ; CURRENT FILING DATE: 2000-12-21  
 ; PRIOR APPLICATION NUMBER: PCT/US00/16594  
 ; PRIOR FILING DATE: 2000-06-15  
 ; NUMBER OF SEQ ID NOS: 382  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 379  
 ; LENGTH: 447  
 ; TYPE: PRT  
 ; ORGANISM: Human Immunoglobulin-Like Transcript  
 US-09-746-311B-379

Query Match 27.9%; Score 498; DB 4; Length 447;  
 Best Local Similarity 36.0%; Pred. No. 7e-38;  
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 Db 1 MIPTTALLCLGLSLGPRTHWQAGPLPKPLWAEPSGVISWGNSTVIMCQGLEAREYL 60  
 QY 60 EKLSSRYQD-----QAVLFIAMKSLAGRYRCYQNGSLWSPDQLELVATGV 110  
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 QY 166 PIITVTAHSGTYRCYFSRDPYLWSPDLELVVTGTSVTPSRLETPPSSVAEFS 225  
 Db 181 FMSFVTVHGGTYRCFSSHGFSHYLLSHSPDLELVLSGLEGPRPSPT----- 229  
 QY 226 ATAEITVSTNKYFTTETSRTTSITTSPEKSDSPAGPARQYTKG-----NLVRICLGAVI 279

Db 230 -----RSVSTAAGPEDQPLMPTGSPVHSGLRHWEVLIGLVVSIL 270  
QY 280 LIILAGF-LAEDWHSRRKR-LHRGRVAVORPLPLPQTRKSHGQDGRQ----- 330  
Db 271 LLSLLFLQLQHWROGKHTLAQROADQRPFGAAEP-----KDGGLQRRSSPAA 322  
QY 331 DVHSRGLCS 339  
Db 323 DVQGENFCA 331

RESULT 14  
US-09-310-463-18  
; Sequence 18, Application US/09310463A  
; Patent No. 6384203  
; GENERAL INFORMATION:  
; APPLICANT: Cosman, David J.  
; APPLICANT: Anderson, Dirk M.  
; APPLICANT: Borges, Luis  
; TITLE OF INVENTION: Family of Immunoregulators Designated Leukocyte Immunoglobulin-  
; TITLE OF INVENTION: Like Receptors (LIR)  
; FILE REFERENCE: 2624-A  
; CURRENT APPLICATION NUMBER: US/09/310,463A  
; CURRENT FILING DATE: 1999-05-12  
; EARLIER APPLICATION NUMBER: 08/842,248  
; EARLIER FILING DATE: 1997-04-24  
; NUMBER OF SEQ ID NOS: 39  
; SOFTWARE: Patent in Ver. 2.0  
; SEQ ID NO 18  
; LENGTH: 448  
; TYPE: PRT  
; ORGANISM: human  
US-09-310-463-18

Query Match 27.9%; Score 498; DB 3; Length 448;  
Best Local Similarity 36.0%; Pred. No. 7e-38;  
Matches 133; Conservative 41; Mismatches 127; Indels 68; Gaps 9;

QY 1 MSPPTALFCGLGCLG-RVPAQSGPLPKPSLQALPSSLPVLEKPVTLRCOGPGVDLYRL 59  
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QY 60 EKLSRRYOD-----QAVLFIPAMKRSAGRYRCYONGSLWSPDQDELVATGV 110  
Db 61 DKESAPAPMDRONPLEPKAKAFSIPSMTEYAGRYCYRSPVGNQSPDPLELYMTGA 120  
QY 111 FAKPSLSAQPGPAVSSGGDVTLCQOTRYGDFQFALYKEGDPAPY-----KNPERWYRAS 165  
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QY 166 PIITVTAHSGHYRCYCSRSSRDPYLMWSPDPLELVATGTSVTPSLPTEPPSSVAEFSE 225  
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Db 271 LLSLLFLQLQHWROGKHTLAQROADQRPFGAAEP-----KDGGLQRRSSPAA 322  
QY 331 DVHSRGLCS 339  
Db 323 DVQGENFCA 331

RESULT 15  
US-08-842-248A-18  
; Sequence 18, Application US/08842248A  
; Patent No. 6448035  
; GENERAL INFORMATION:  
; APPLICANT: Cosman, David J.

; TITLE OF INVENTION: Family of Immunoregulators Designated  
; TITLE OF INVENTION: Leukocyte Immunoglobulin-Like Receptors (LIR)  
; NUMBER OF SEQUENCES: 29  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Janis C. Henry, Immunex Corporation  
; STREET: 51 University Street  
; CITY: Seattle  
; STATE: WA  
; COUNTRY: US  
; ZIP: 98101  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM/PC Compatible  
; OPERATING SYSTEM: Microsoft Word 7.0  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/842,248A  
; FILING DATE: April 24, 1997  
; CLASSIFICATION: 53e  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Henry, Janis C.  
; REGISTRATION NUMBER: 34,347  
; REFERENCE/DOCKET NUMBER: 2624  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 587-0430  
; TELEFAX: (206) 233-0644  
; TELEX: 756822  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 448 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: Protein  
US-08-842-248A-18

Query Match 27.9%; Score 498; DB 4; Length 448;  
Best Local Similarity 36.0%; Pred. No. 7e-38;  
Matches 133; Conservative 41; Mismatches 127; Indels 68; Gaps 9;

QY 1 MSPPTALFCGLGCLG-RVPAQSGPLPKPSLQALPSSLPVLEKPVTLRCOGPGVDLYRL 59  
Db 1 MIFTTALLCLGSLGPRTHQAGLPKPTLWAPGSGVSWGNSVTWCQGTLEAREYRL 60  
QY 60 EKLSRRYOD-----QAVLFIPAMKRSAGRYRCYONGSLWSPDQDELVATGV 110  
Db 61 DKESAPAPMDRONPLEPKAKAFSIPSMTEYAGRYCYRSPVGNQSPDPLELYMTGA 120  
QY 111 FAKPSLSAQPGPAVSSGGDVTLCQOTRYGDFQFALYKEGDPAPY-----KNPERWYRAS 165  
Db 121 YSKPTLSALPSPLVTSKSVTLCCQSRSPMDTFLIKERAAHPLLHLRSEHGAQHQAEF 180  
QY 166 PIITVTAHSGHYRCYCSRSSRDPYLMWSPDPLELVATGTSVTPSLPTEPPSSVAEFSE 225  
Db 181 PMSFVTSVHGGRYRCYCSHSHGSHYLLSHSPDPLELVSGSLEGRPSPT----- 229  
QY 226 ATAELTVSTNKFVTTTSRSTTSKESDPSAPGARQYTKG-----NLVRICLGAVI 279  
Db 230 -----RSVSTAAGPEDQPLMPTGSPVHSGLRHWEVLIGLVVSIL 270  
QY 280 LIILAGF-LAEDWHSRRKR-LHRGRVAVORPLPLPQTRKSHGQDGRQ----- 330  
Db 271 LLSLLFLQLQHWROGKHTLAQROADQRPFGAAEP-----KDGGLQRRSSPAA 322  
QY 331 DVHSRGLCS 339  
Db 323 DVQGENFCA 331

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Job time : 90.1662 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 16:16:45 ; Search time 5.50869 Seconds  
(without alignments)  
324.792 Million cell updates/sec

Title: US-09-610-118-61

Perfect score: 31

Sequence: 1 SYWMS 5

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 1589859

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:

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20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	100.0	5	9	US-09-832-312-61
2	31	100.0	5	11	US-09-829-495-61
3	31	100.0	5	16	US-10-703-714-37
4	31	100.0	5	16	US-10-703-714-49
5	31	100.0	6	17	US-10-741-481-50
6	31	100.0	10	16	US-10-327-598-458
7	31	100.0	53	15	US-10-424-599-259490
8	31	100.0	98	14	US-10-194-975-15
9	31	100.0	98	14	US-10-308-817-55
10	31	100.0	98	15	US-10-032-037B-85
11	31	100.0	98	15	US-10-029-968B-85
12	31	100.0	98	15	US-10-032-423A-85
13	31	100.0	98	15	US-10-453-698-55

14	31	100.0	98	15	US-10-029-926B-85	Sequence 85, Appl
15	31	100.0	98	16	US-10-379-392-14	Sequence 14, Appl
16	31	100.0	99	16	US-10-703-714-22	Sequence 22, Appl
17	31	100.0	117	9	US-09-982-982A-6	Sequence 6, Appl
18	31	100.0	117	16	US-10-703-714-10	Sequence 10, Appl
19	31	100.0	117	16	US-10-703-714-18	Sequence 18, Appl
20	31	100.0	120	10	US-09-995-523-8	Sequence 8, Appl
21	31	100.0	120	11	US-09-995-523-8	Sequence 8, Appl
22	31	100.0	157	17	US-10-473-287-34	Sequence 34, Appl
23	31	100.0	157	17	US-10-473-287-63	Sequence 63, Appl
24	31	100.0	241	10	US-09-880-748-1889	Sequence 1889, Ap
25	31	100.0	241	14	US-10-293-418-1889	Sequence 1889, Ap
26	31	100.0	247	10	US-09-880-748-1470	Sequence 1470, Ap
27	31	100.0	247	14	US-10-322-673-48	Sequence 48, Appl
28	31	100.0	247	14	US-10-293-418-1470	Sequence 1470, Ap
29	31	100.0	251	10	US-09-880-748-1594	Sequence 1594, Ap
30	31	100.0	251	14	US-10-293-418-1594	Sequence 1594, Ap
31	31	100.0	251	14	US-10-293-418-3245	Sequence 3245, Ap
32	31	100.0	290	15	US-10-406-830-4	Sequence 4, Appl
33	31	100.0	312	13	US-10-052-798-10	Sequence 10, Appl
34	31	100.0	312	14	US-10-288-917-10	Sequence 10, Appl
35	31	100.0	312	15	US-10-423-448-10	Sequence 10, Appl
36	31	100.0	395	9	US-09-738-626-4698	Sequence 4698, Ap
37	28	90.3	5	9	US-09-253-754-23	Sequence 23, Appl
38	28	90.3	5	10	US-09-977-797A-76	Sequence 76, Appl
39	28	90.3	5	16	US-10-297-371A-4	Sequence 4, Appl
40	28	90.3	5	17	US-10-680-734-23	Sequence 23, Appl
41	28	90.3	10	15	US-10-239-656-14	Sequence 14, Appl
42	28	90.3	20	14	US-10-032-221B-30	Sequence 30, Appl
43	28	90.3	42	15	US-10-424-599-161302	Sequence 161302,
44	28	90.3	46	9	US-09-864-761-48095	Sequence 48095, A
45	28	90.3	51	17	US-10-425-115-320295	Sequence 320295,

#### ALIGNMENTS

#### RESULT 1

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US-09-832-312-61
; Sequence 61, Application US/09832312
; Patent No. US20010049829A1
; GENERAL INFORMATION:
; APPLICANT: Busfield et al.
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/832,312
; PRIOR FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-61
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Query Match 100.0%; Score 31; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5

Db 1 SYWMS 5

#### RESULT 2

US-09-829-495-61  
 ; Sequence 61, Application US/09829495  
 ; Publication No. US20040001826A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Huang, Haichun  
 ; APPLICANT: Holmes, Steven  
 ; APPLICANT: Masou, Sean  
 ; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE  
 ; FILE REFERENCE: MXI-294  
 ; CURRENT APPLICATION NUMBER: US/10/703,714  
 ; CURRENT FILING DATE: 2003-11-07  
 ; PRIOR APPLICATION NUMBER: 60/424803  
 ; PRIOR FILING DATE: 2002-11-07  
 ; NUMBER OF SEQ ID NOS: 64  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 49  
 ; LENGTH: 5  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-703-714-49

Query Match 100.0%; Score 31; DB 11; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SYWMS 5  
 Db 1 SYWMS 5

RESULT 3  
 US-10-703-714-37  
 ; Sequence 37, Application US/10703714  
 ; Publication No. US20040170630A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Huang, Haichun  
 ; APPLICANT: Holmes, Steven  
 ; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE  
 ; FILE REFERENCE: MXI-294  
 ; CURRENT APPLICATION NUMBER: US/10/703,714  
 ; CURRENT FILING DATE: 2003-11-07  
 ; PRIOR APPLICATION NUMBER: 60/424803  
 ; PRIOR FILING DATE: 2002-11-07  
 ; NUMBER OF SEQ ID NOS: 64  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 37  
 ; LENGTH: 5  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-703-714-37

Query Match 100.0%; Score 31; DB 16; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SYWMS 5  
 Db 1 SYWMS 5

RESULT 4  
 US-10-703-714-49  
 ; Sequence 49, Application US/10703714

; Publication No. US20040170630A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Huang, Haichun  
 ; APPLICANT: Holmes, Steven  
 ; APPLICANT: Masou, Sean  
 ; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE  
 ; FILE REFERENCE: MXI-294  
 ; CURRENT APPLICATION NUMBER: US/10/703,714  
 ; CURRENT FILING DATE: 2003-11-07  
 ; PRIOR APPLICATION NUMBER: 60/424803  
 ; PRIOR FILING DATE: 2002-11-07  
 ; NUMBER OF SEQ ID NOS: 64  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 49  
 ; LENGTH: 5  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-703-714-49

Query Match 100.0%; Score 31; DB 16; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SYWMS 5  
 Db 1 SYWMS 5

RESULT 5  
 US-10-741-481-50  
 ; Sequence 50, Application US/10741481  
 ; Publication No. US20040213795A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Collins, Mary et al.  
 ; TITLE OF INVENTION: ANTIBODIES AGAINST PD-1 AND USES THEREFOR  
 ; FILE REFERENCE: 08702.0098-00000  
 ; CURRENT APPLICATION NUMBER: US/10/741,481  
 ; CURRENT FILING DATE: 2003-12-22  
 ; NUMBER OF SEQ ID NOS: 58  
 ; SOFTWARE: Patent in version 3.1  
 ; SEQ ID NO 50  
 ; LENGTH: 6  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-741-481-50

Query Match 100.0%; Score 31; DB 17; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
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Qy 1 SYWMS 5  
 Db 2 SYWMS 6

RESULT 6  
 US-10-327-598-458  
 ; Sequence 458, Application US/10327598  
 ; Publication No. US20040181039A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Krah, Eugene  
 ; APPLICANT: Guo, Honliang  
 ; APPLICANT: Aiyappa, Ashok  
 ; APPLICANT: Lawton, Robert  
 ; TITLE OF INVENTION: Canine Immunoglobulin Variable Domains, Caninized Antibodies, and  
 ; FILE REFERENCE: 01-799-A  
 ; CURRENT APPLICATION NUMBER: US/10/327,598  
 ; CURRENT FILING DATE: 2002-12-20  
 ; PRIOR APPLICATION NUMBER: US 60/344,874  
 ; PRIOR FILING DATE: 2001-12-21  
 ; NUMBER OF SEQ ID NOS: 1139  
 ; SOFTWARE: Patent in version 3.0

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; SEQ ID NO 458
; LENGTH: 10
; TYPE: PRT
; ORGANISM: canis familiaris;
US-10-327-598-458

Query Match      100.0%; Score 31; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 90;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
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Db      6 SYWMS 10

RESULT 7
US-10-424-599-259490
; Sequence 259490, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285664
; SEQ ID NO 259490.
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_76345C.1.pep
US-10-424-599-259490

Query Match      100.0%; Score 31; DB 15; Length 53;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
      |||||
Db      45 SYWMS 49

RESULT 8
US-10-194-975-15
; Sequence 15, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-15

Query Match      100.0%; Score 31; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
      |||||

US-10-308-817-55
; Sequence 55, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-55

Query Match      100.0%; Score 31; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
      |||||
Db      31 SYWMS 35

RESULT 10
US-10-032-037B-85
; Sequence 85, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-85

Query Match      100.0%; Score 31; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
      |||||
Db      31 SYWMS 35

RESULT 11
US-10-029-988B-85
; Sequence 85, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/256,948
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; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-85

Query Match
Best Local Similarity 100.0%; Score 31; DB 15; Length 98;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
Db 31 SYWMS 35

RESULT 12
US-10-032-423A-85
; Sequence 85, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bto-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-423A-85

Query Match
Best Local Similarity 100.0%; Score 31; DB 15; Length 98;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
Db 31 SYWMS 35

RESULT 13
US-10-453-698-55
; Sequence 55, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 55
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-55

Query Match
Best Local Similarity 100.0%; Score 31; DB 15; Length 98;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
Db 31 SYWMS 35

RESULT 14
US-10-029-926B-85
; Sequence 85, Application US/10029926B
; Publication No. US20040073011A1
; GENERAL INFORMATION:
; APPLICANT: HAGAY, et al.
; TITLE OF INVENTION: SPECIFIC HUMAN ANTIBODIES FOR SELECTIVE CANCER THERAPY
; FILE REFERENCE: 10793/50
; CURRENT APPLICATION NUMBER: US/10/029,926B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 203
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-926B-85

Query Match
Best Local Similarity 100.0%; Score 31; DB 15; Length 98;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
Db 31 SYWMS 35

RESULT 15
US-10-379-392-14
; Sequence 14, Application US/10379392
; Publication No. US20040110226A1
; GENERAL INFORMATION:
; APPLICANT: Lazar, Gregory Alan
; APPLICANT: Desjarlais, John Rudolf
; APPLICANT: Marshall, Shannon Alicia
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: ANTIBODY OPTIMIZATION
; FILE REFERENCE: A-71386-3 463077-236
; CURRENT APPLICATION NUMBER: US/10/379,392
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: US 60/360,843
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/384,197
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-379-392-14

Query Match
Best Local Similarity 100.0%; Score 31; DB 16; Length 98;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
Db 31 SYWMS 35

Search completed: December 18, 2004, 16:58:07
Job time : 6.50869 secs
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OM protein - protein search, using sw model

Run on: December 19, 2004, 16:11:14 ; Search time 1.31514 Seconds  
(without alignments)  
252.134 Million cell updates/sec

Title: US-09-610-118-61  
Perfect score: 31  
Sequence: 1 SYWMS 5

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA:\*  
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5: /cgn2\_6/ptodata/1/aa/PTUS-COMB.pep.\*  
6: /cgn2\_6/ptodata/1/aa/backfiles.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	100.0	98	US-07-942-245-37	Sequence 37, Appl
2	31	100.0	117	US-08-545-809A-95	Sequence 95, Appl
3	31	100.0	312	US-09-079-029-10	Sequence 10, Appl
4	28	90.3	5	US-08-318-157B-23	Sequence 23, Appl
5	28	90.3	5	US-09-253-794-23	Sequence 23, Appl
6	28	90.3	10	US-08-208-886C-83	Sequence 83, Appl
7	28	90.3	10	US-08-209-886C-87	Sequence 87, Appl
8	28	90.3	10	US-08-704-744-85	Sequence 85, Appl
9	28	90.3	10	US-08-704-744-89	Sequence 89, Appl
10	28	90.3	10	US-08-469-557-64	Sequence 64, Appl
11	28	90.3	10	US-08-469-557-68	Sequence 68, Appl
12	28	90.3	10	US-08-290-793B-64	Sequence 64, Appl
13	28	90.3	10	US-08-290-793B-68	Sequence 68, Appl
14	28	90.3	63	US-09-248-798A-23712	Sequence 23712, A
15	28	90.3	100	US-09-840-453-36	Sequence 36, Appl
16	28	90.3	100	US-09-497-625A-36	Sequence 36, Appl
17	28	90.3	117	US-09-948-004-16	Sequence 16, Appl
18	28	90.3	118	US-08-767-128-2	Sequence 2, Appl
19	28	90.3	118	US-08-767-128-8	Sequence 8, Appl
20	28	90.3	119	US-08-318-157B-2	Sequence 2, Appl
21	28	90.3	119	US-08-318-157B-8	Sequence 8, Appl
22	28	90.3	119	US-08-318-157B-9	Sequence 9, Appl
23	28	90.3	119	US-08-318-157B-10	Sequence 10, Appl
24	28	90.3	119	US-08-318-157B-11	Sequence 11, Appl
25	28	90.3	119	US-08-318-157B-12	Sequence 12, Appl
26	28	90.3	119	US-08-318-157B-13	Sequence 13, Appl
27	28	90.3	119	US-08-318-157B-14	Sequence 14, Appl

28	28	90.3	119	2	US-08-318-157B-15	Sequence 15, Appl
29	28	90.3	119	2	US-08-318-157B-17	Sequence 17, Appl
30	28	90.3	119	2	US-08-318-157B-57	Sequence 57, Appl
31	28	90.3	119	2	US-08-318-157B-58	Sequence 58, Appl
32	28	90.3	119	3	US-08-767-128-6	Sequence 6, Appl
33	28	90.3	119	4	US-09-253-794-2	Sequence 2, Appl
34	28	90.3	119	4	US-09-253-794-8	Sequence 8, Appl
35	28	90.3	119	4	US-09-253-794-9	Sequence 9, Appl
36	28	90.3	119	4	US-09-253-794-10	Sequence 10, Appl
37	28	90.3	119	4	US-09-253-794-11	Sequence 11, Appl
38	28	90.3	119	4	US-09-253-794-12	Sequence 12, Appl
39	28	90.3	119	4	US-09-253-794-13	Sequence 13, Appl
40	28	90.3	119	4	US-09-253-794-14	Sequence 14, Appl
41	28	90.3	119	4	US-09-253-794-15	Sequence 15, Appl
42	28	90.3	119	4	US-09-253-794-17	Sequence 17, Appl
43	28	90.3	119	4	US-09-253-794-57	Sequence 57, Appl
44	28	90.3	119	4	US-09-253-794-58	Sequence 58, Appl
45	28	90.3	138	4	US-09-948-004-14	Sequence 14, Appl

ALIGNMENTS

RESULT 1  
US-07-942-245-37  
; Sequence 37, Application US/07942245  
; Patent No. 5639641  
; GENERAL INFORMATION:  
; APPLICANT: PEDERSEN, Jan T.  
; APPLICANT: SEARLE, Stephen M.J.  
; APPLICANT: REES, Anthony R.  
; APPLICANT: ROGUSKA, Michael A.  
; APPLICANT: GUILD, Braydon C.  
; TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
; TITLE OF INVENTION: ANTIBODIES  
; NUMBER OF SEQUENCES: 522  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: Sughrue, Mion, Zinn, Macpeak & Seas  
; STREET: 2100 Pennsylvania Avenue, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: United States  
; ZIP: 20037-3202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: UNIX  
; SOFTWARE: In house  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/942,245  
; FILING DATE: 09-SEP-1992  
; CLASSIFICATION: 530  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 293-7060  
; TELEFAX: (202) 293-7860  
; TELEX: 6491103  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 98 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; US-07-942-245-37

Query Match 100.0%; Score 31; DB 1; Length 98;  
Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SYWMS 5

DB 31 SYWMS 35

```

RESULT 2
US-08-545-809A-95
; Sequence 95, Application US/08545809A
; Patent No. 6096878
; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; APPLICANT: Matsuda, Fumihiko
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
; NUMBER OF SEQUENCES: 145
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,809A
; FILING DATE: 27-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/00603
; FILING DATE: 10-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 06501/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-545-809A-95

Query Match 100.0%; Score 31; DB 3; Length 117;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
Db 50 SYWMS 54

RESULT 3
US-09-079-029-10
; Sequence 10, Application US/09079029
; Patent No. 6342369
; GENERAL INFORMATION:
; APPLICANT: Adams, Camilla W.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Chantharapai, Anan
; APPLICANT: Kim, Kyung J.
; TITLE OF INVENTION: Apo-2 Receptor
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/079,029
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Marschang, Diane L.
; REGISTRATION NUMBER: 35,600
; REFERENCE/DOCKET NUMBER: P1101R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-5416
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 312 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; US-09-079-029-10

Query Match 100.0%; Score 31; DB 3; Length 312;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
Db 70 SYWMS 74

RESULT 4
US-08-318-157B-23
; Sequence 23, Application US/08318157B
; Patent No. 5874540
; GENERAL INFORMATION:
; APPLICANT: HANSEN, Hans J.
; APPLICANT: ARMOUR, Kathryn L.
; TITLE OF INVENTION: CDR-GRAFTED TYPE III ANTI-CEA HUMANIZED
; TITLE OF INVENTION: MOUSE MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/318,157B
; FILING DATE: 05-OCT-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Bernhard D.
; REGISTRATION NUMBER: 28,665
; REFERENCE/DOCKET NUMBER: 18733/464
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-318-157B-23

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Query Match 90.3%; Score 28; DB 2; Length 5;  
Best Local Similarity 80.0%; Pred. No. 3.8e-05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
DB 1 TYWMS 5

RESULT 5  
US-09-253-794-23  
; Sequence 23, Application US/09253794  
; Patent No. 6676924  
; GENERAL INFORMATION:  
; APPLICANT: HANSEN, Hans J.  
; TITLE OF INVENTION: CDR-GRAFTED TYPE III ANTI-CEA HUMANIZED  
; MOUSE MONOCLONAL ANTIBODIES

NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/253,794  
FILING DATE: 22-Feb-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/318,157

FILING DATE: 05-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: SAXE, Bernhard D.  
REGISTRATION NUMBER: 28,665  
REFERENCE/DOCKET NUMBER: 18733/464  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136

INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: <Unknown>  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 23:

US-09-253-794-23

Query Match 90.3%; Score 28; DB 4; Length 5;  
Best Local Similarity 80.0%; Pred. No. 3.8e-05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
DB 1 TYWMS 5

RESULT 6  
US-08-208-886C-83  
; Sequence 83, Application US/08208886C  
; Patent No. 5597710  
; GENERAL INFORMATION:  
; APPLICANT: Dalié, Barbara  
; APPLICANT: Miller, Kenneth  
; APPLICANT: Murgolo, Nicholas

APPLICANT: Tindall, Stephen  
TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4  
NUMBER OF SEQUENCES: 88  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033-0530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7.1  
SOFTWARE: Microsoft Word 5.1a  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/208,886C  
FILING DATE: March 10, 1994  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: JB0429  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908 298 2987  
TELEFAX: 908 298 5388  
INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-208-886C-83

Query Match 90.3%; Score 28; DB 1; Length 10;  
Best Local Similarity 80.0%; Pred. No. 59;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
DB 6 SYWMT 10

RESULT 7  
US-08-208-886C-87  
; Sequence 87, Application US/08208896C  
; Patent No. 5597710  
; GENERAL INFORMATION:  
; APPLICANT: Dalié, Barbara  
; APPLICANT: Miller, Kenneth  
; APPLICANT: Murgolo, Nicholas  
; APPLICANT: Tindall, Stephen

TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4  
NUMBER OF SEQUENCES: 88  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033-0530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7.1  
SOFTWARE: Microsoft Word 5.1a  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/208,886C  
FILING DATE: March 10, 1994  
CLASSIFICATION: 424

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: JB0429  
TELEPHONE: 908 298 2987  
TELEFAX: 908 298 5388  
TELEX: 908 298 5388  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-208-886C-87

Query Match 90.3%; Score 28; DB 1; Length 10;  
Best Local Similarity 80.0%; Pred. No. 59;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
Db 6 SYWMT 10

RESULT 8  
US-08-704-744-85  
Sequence 85, Application US/08704744  
Patent No. 5705154  
GENERAL INFORMATION:  
APPLICANT: Dallee, Kenneth  
APPLICANT: Miller, Kenneth  
APPLICANT: Murgolo, Nicholas  
APPLICANT: Tindall, Stephen  
TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033-0530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7.5.3  
SOFTWARE: Microsoft Word 5.1a  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/704,744  
FILING DATE: 06-SEPT-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/208886  
FILING DATE: 10-MAR-1994  
APPLICATION NUMBER: PCT/US/95/02400  
FILING DATE: 08-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: JB0429K  
TELEPHONE: (908) 298-2987  
TELEFAX: (908) 298-5388  
TELEX:  
INFORMATION FOR SEQ ID NO: 89:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-704-744-89

Query Match 90.3%; Score 28; DB 1; Length 10;  
Best Local Similarity 80.0%; Pred. No. 59;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
Db 6 SYWMT 10

RESULT 10  
US-08-469-557-64  
Sequence 64, Application US/08469557  
Patent No. 5770403  
GENERAL INFORMATION:  
APPLICANT: Dallee, Kenneth  
APPLICANT: Miller, Kenneth  
APPLICANT: Murgolo, Nicholas  
APPLICANT: Tindall, Stephen  
TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033-0530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7.5.3  
SOFTWARE: Microsoft Word 5.1a  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/704,744  
FILING DATE: 06-SEPT-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/208886  
FILING DATE: 10-MAR-1994  
APPLICATION NUMBER: PCT/US/95/02400  
FILING DATE: 08-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: JB0429K  
TELEPHONE: (908) 298-2987  
TELEFAX: (908) 298-5388  
TELEX:  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

APPLICANT: Dalie, Barbara  
APPLICANT: Le, Hung  
APPLICANT: Miller, Kenneth  
APPLICANT: Murgolo, Nicholas  
APPLICANT: Nguyen, Hanh  
APPLICANT: Tindall, Stephen  
APPLICANT: Zavodny, Paul  
TITLE OF INVENTION: Cloning and Expression of  
TITLE OF INVENTION: Humanized Monoclonal Antibodies  
TITLE OF INVENTION: Against Human Interleukin-4  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESS: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033-0530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 6.0.5  
SOFTWARE: Microsoft Word 5.1A  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,557  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/290,793  
FILING DATE: August 16, 1994  
APPLICATION NUMBER: PCT/US93/01301  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/841,659  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/782,784  
FILING DATE: 24-OCT-1991  
APPLICATION NUMBER: US 07/499,327  
FILING DATE: 21-MAY-1990  
APPLICATION NUMBER: PCT/US88/03631  
FILING DATE: 21-OCT-1988  
APPLICATION NUMBER: US 07/655,966  
FILING DATE: 14-FEB-1991  
APPLICATION NUMBER: US 07/113,623  
FILING DATE: 26-OCT-1987  
APPLICATION NUMBER: US 06/881,553  
FILING DATE: 03-JUL-1986  
APPLICATION NUMBER: US 06/843,958  
FILING DATE: 25-MAR-1986  
APPLICATION NUMBER: US 06/799,668  
FILING DATE: 19-NOV-1985  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: 2409K7  
TELEPHONE: 908 298-2387  
TELEFAX: 908-298-5388  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-469-557-64

Query Match 90.3%; Score 28; DB 1; Length 10;  
Best Local Similarity 80.0%; Pred. No. 59;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
|||:  
Db 6-SYWT 10

RESULT 11  
US-08-469-557-68  
Sequence 68, Application US/08469557  
Patent No. 5770403  
GENERAL INFORMATION:  
APPLICANT: Dalie, Barbara  
APPLICANT: Le, Hung  
APPLICANT: Miller, Kenneth  
APPLICANT: Murgolo, Nicholas  
APPLICANT: Nguyen, Hanh  
APPLICANT: Tindall, Stephen  
APPLICANT: Zavodny, Paul  
TITLE OF INVENTION: Cloning and Expression of  
TITLE OF INVENTION: Humanized Monoclonal Antibodies  
TITLE OF INVENTION: Against Human Interleukin-4  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESS: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033-0530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 6.0.5  
SOFTWARE: Microsoft Word 5.1A  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,557  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/290,793  
FILING DATE: August 16, 1994  
APPLICATION NUMBER: PCT/US93/01301  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/841,659  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/782,784  
FILING DATE: 24-OCT-1991  
APPLICATION NUMBER: US 07/499,327  
FILING DATE: 21-MAY-1990  
APPLICATION NUMBER: PCT/US88/03631  
FILING DATE: 21-OCT-1988  
APPLICATION NUMBER: US 07/655,966  
FILING DATE: 14-FEB-1991  
APPLICATION NUMBER: US 07/113,623  
FILING DATE: 26-OCT-1987  
APPLICATION NUMBER: US 06/881,553  
FILING DATE: 03-JUL-1986  
APPLICATION NUMBER: US 06/843,958  
FILING DATE: 25-MAR-1986  
APPLICATION NUMBER: US 06/799,668  
FILING DATE: 19-NOV-1985  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: 2409K7  
TELEPHONE: 908 298-2987  
TELEFAX: 908-298-5388  
INFORMATION FOR SEQ ID NO: 68:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-469-557-68

Query Match 90.3%; Score 28; DB 1; Length 10;  
Best Local Similarity 80.0%; Pred. No. 59;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
Db 6 SYWMT 10

Query Match 90.1%; Score 28; DB 2; Length 10;  
Best Local Similarity 80.0%; Pred. No. 59;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
Db 6 SYWMT 10

RESULT 12  
US-08-290-793B-64  
; Sequence 64, Application US/08290793B  
; Patent No. 5863537  
; GENERAL INFORMATION:  
; APPLICANT: Dalié, Barbara  
; APPLICANT: Le, Hung  
; APPLICANT: Miller, Kenneth  
; APPLICANT: Murgolo, Nicholas  
; APPLICANT: Nguyen, Hanh  
; APPLICANT: Tindall, Stephen  
; APPLICANT: Zavodny, Paul  
; TITLE OF INVENTION: Cloning and Expression of  
; TITLE OF INVENTION: Humanized Monoclonal Antibodies  
; TITLE OF INVENTION: Against Human Interleukin-4  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Schering-Plough Corporation  
; STREET: 2000 Galloping Hill Road  
; CITY: Kenilworth  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07033-0530

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 6.0.5  
SOFTWARE: Microsoft Word 5.1A  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/290,793B  
FILING DATE: August 16, 1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/01301  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/841,659  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/782,784  
FILING DATE: 24-OCT-1991  
APPLICATION NUMBER: US 07/499,327  
FILING DATE: 21-MAY-1990  
APPLICATION NUMBER: PCT/US88/03631  
FILING DATE: 21-OCT-1988  
APPLICATION NUMBER: US 07/655,966  
FILING DATE: 14-FEB-1991  
APPLICATION NUMBER: US 07/113,623  
FILING DATE: 26-OCT-1987  
APPLICATION NUMBER: US 06/881,553  
FILING DATE: 03-JUL-1986  
APPLICATION NUMBER: US 06/843,958  
FILING DATE: 25-MAR-1986  
APPLICATION NUMBER: US 06/799,668  
FILING DATE: 19-NOV-1985

ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
TELEPHONE: 908 298-2387  
TELEFAX: 908 298-5388  
INFORMATION FOR SEQ ID NO: 64:

SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-290-793B-64

RESULT 13  
US-08-290-793B-68  
; Sequence 68, Application US/08290793B  
; Patent No. 5863537  
; GENERAL INFORMATION:  
; APPLICANT: Dalié, Barbara  
; APPLICANT: Le, Hung  
; APPLICANT: Miller, Kenneth  
; APPLICANT: Murgolo, Nicholas  
; APPLICANT: Nguyen, Hanh  
; APPLICANT: Tindall, Stephen  
; APPLICANT: Zavodny, Paul  
; TITLE OF INVENTION: Cloning and Expression of  
; TITLE OF INVENTION: Humanized Monoclonal Antibodies  
; TITLE OF INVENTION: Against Human Interleukin-4  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Schering-Plough Corporation  
; STREET: 2000 Galloping Hill Road  
; CITY: Kenilworth  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07033-0530

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 6.0.5  
SOFTWARE: Microsoft Word 5.1A  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/290,793B  
FILING DATE: August 16, 1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/01301  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/841,659  
FILING DATE: 19-FEB-1992  
APPLICATION NUMBER: US 07/782,784  
FILING DATE: 24-OCT-1991  
APPLICATION NUMBER: US 07/499,327  
FILING DATE: 21-MAY-1990  
APPLICATION NUMBER: PCT/US88/03631  
FILING DATE: 21-OCT-1988  
APPLICATION NUMBER: US 07/655,966  
FILING DATE: 14-FEB-1991  
APPLICATION NUMBER: US 07/113,623  
FILING DATE: 26-OCT-1987  
APPLICATION NUMBER: US 06/881,553  
FILING DATE: 03-JUL-1986  
APPLICATION NUMBER: US 06/843,958  
FILING DATE: 25-MAR-1986  
APPLICATION NUMBER: US 06/799,668  
FILING DATE: 19-NOV-1985

ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
TELEPHONE: 908 298-2387  
TELEFAX: 908 298-5388  
INFORMATION FOR SEQ ID NO: 68:

SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-290-793B-68
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  Best Local Similarity 80.0%; Pred. No. 59;
  Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
Db      6 SYWMT 10

RESULT 14
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; Sequence 23712, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 23712
; LENGTH: 63
; TYPE: PRI
; ORGANISM: Candida albicans
US-09-248-796A-23712
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  Best Local Similarity 80.0%; Pred. No. 3e+02;
  Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
Db      16 SYWMA 20

RESULT 15
US-09-840-459-36
; Sequence 36, Application US/09840459
; Patent No. 696550
; GENERAL INFORMATION:
; APPLICANT: Larosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; FILE REFERENCE: 1855.1052-012
; CURRENT APPLICATION NUMBER: US/09/840,459
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: PCT/US01/03537
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 36
; LENGTH: 100
; TYPE: PRI
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; ORGANISM: Mus musculus
US-09-840-459-36
  Query Match      90.3%; Score 28; DB 4; Length 100;
  Best Local Similarity 80.0%; Pred. No. 4.6e+02;
  Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
Db      31 NYWMS 35

Search completed: December 18, 2004, 16:21:48
Job time : 2.31514 secs
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GenCore version 5.1.6  
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# OM protein - protein search, using sw model

Run on: December 18, 2004, 17:32:29 ; Search time 140 Seconds  
(without alignments)  
12.780 Million cell updates/sec

Title: US-09-610-118-61

Perfect score: 31  
Sequence: 1 SYWMS 5

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 20994

Minimum DB seq length: 0  
Maximum DB seq length: 5

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA:  
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2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*  
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6: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB.pep.\*  
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18: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	100.0	5	9	US-09-832-312-61
2	31	100.0	5	11	US-09-829-495-61
3	31	100.0	5	16	US-10-703-714-37
4	31	100.0	5	16	US-10-703-714-49
5	28	90.3	5	9	US-09-253-794-23
6	28	90.3	5	10	US-09-977-797A-76
7	28	90.3	5	16	US-10-297-371A-4
8	28	90.3	5	17	US-10-680-734-23
9	27	87.1	5	9	US-09-748-960-12
10	27	87.1	5	9	US-09-832-312-49
11	27	87.1	5	10	US-09-977-797A-90
12	27	87.1	5	11	US-09-829-495-49
13	27	87.1	5	14	US-10-216-484-2

14	27	87.1	5	14	US-10-384-933-2	Sequence 2, Appli
15	27	87.1	5	15	US-10-226-795-23	Sequence 23, Appli
16	25	80.6	5	10	US-09-155-106-1	Sequence 1, Appli
17	25	80.6	5	16	US-10-745-102-2	Sequence 2, Appli
18	24	77.4	5	4	US-09-948-004-32	Sequence 32, Appli
19	24	77.4	5	14	US-10-206-699-209	Sequence 209, Appl
20	24	77.4	5	14	US-10-206-699-214	Sequence 214, Appl
21	24	77.4	5	14	US-10-206-699-217	Sequence 217, Appl
22	24	77.4	5	14	US-10-173-551-15	Sequence 15, Appli
23	23	74.2	5	9	US-09-770-002-1	Sequence 1, Appli
24	23	74.2	5	9	US-09-423-800-62	Sequence 62, Appli
25	23	74.2	5	10	US-09-269-921-6	Sequence 6, Appli
26	23	74.2	5	10	US-09-509-098-8	Sequence 8, Appli
27	23	74.2	5	14	US-10-182-018-62	Sequence 62, Appli
28	23	74.2	5	14	US-10-169-003-62	Sequence 62, Appli
29	23	74.2	5	14	US-10-218-253-6	Sequence 6, Appli
30	23	74.2	5	14	US-10-337-981-62	Sequence 62, Appli
31	23	74.2	5	14	US-10-384-060-39	Sequence 39, Appli
32	23	74.2	5	14	US-10-173-551-5	Sequence 5, Appli
33	23	74.2	5	15	US-10-344-733-62	Sequence 62, Appli
34	23	74.2	5	17	US-10-812-366-5	Sequence 5, Appli
35	21	67.7	5	10	US-09-920-262A-1	Sequence 1, Appli
36	21	67.7	5	15	US-10-070-406A-6	Sequence 6, Appli
37	20	64.5	5	9	US-09-749-831-1	Sequence 1, Appli
38	20	64.5	5	10	US-09-291-417-40	Sequence 40, Appli
39	20	64.5	5	14	US-10-206-699-229	Sequence 229, Appl
40	20	64.5	5	14	US-10-384-060-42	Sequence 42, Appli
41	20	64.5	5	14	US-10-374-932-5	Sequence 5, Appli
42	20	64.5	5	14	US-10-428-408A-1	Sequence 1, Appli
43	20	64.5	5	15	US-10-338-366-14	Sequence 14, Appli
44	20	64.5	5	15	US-10-436-549-342	Sequence 342, Appl
45	20	64.5	5	15	US-10-436-549-592	Sequence 592, Appl

## ALIGNMENTS

RESULT 1  
US-09-832-312-61  
; Sequence 61, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 61  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-61

Query Match 100.0%; Score 31; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5

DB 1 SYWMS 5

RESULT 2

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US-09-829-495-61
; Sequence 61, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Huang, Haichun
; APPLICANT: Holmes, Steven
; APPLICANT: Mason, Sean
; APPLICANT: Villaveal J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-829-495-61

Query Match      100.0%; Score 31; DB 11; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
      |||||
Db      1 SYWMS 5

RESULT 3
US-10-703-714-37
; Sequence 37, Application US/10703714
; Publication No. US20040170630A1
; GENERAL INFORMATION:
; APPLICANT: Huang, Haichun
; APPLICANT: Holmes, Steven
; APPLICANT: Mason, Sean
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE
; FILE REFERENCE: MXI-294
; CURRENT APPLICATION NUMBER: US/10/703,714
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/424803
; PRIOR FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-703-714-37

Query Match      100.0%; Score 31; DB 16; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
      |||||
Db      1 SYWMS 5

RESULT 4
US-10-703-714-49
; Sequence 49, Application US/10703714
; Publication No. US20040170630A1
; GENERAL INFORMATION:
; APPLICANT: Huang, Haichun
; APPLICANT: Holmes, Steven
; APPLICANT: Mason, Sean
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE
; FILE REFERENCE: MXI-294
; CURRENT APPLICATION NUMBER: US/10/703,714
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/424803
; PRIOR FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-703-714-49

Query Match      100.0%; Score 31; DB 16; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWMS 5
      |||||
Db      1 SYWMS 5

RESULT 5
US-05-253-794-23
; Sequence 23, Application US/09253794
; Patent No. US20020018750A1
; GENERAL INFORMATION:
; APPLICANT: HANSEN, Hans J.
; ARMOUR, Kathryn L.
; TITLE OF INVENTION: CDR-GRAFTED TYPE III ANTI-CEA HUMANIZED
; MOUSE MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/253,794
; FILING DATE: 22-Feb-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/318,157
; FILING DATE: 05-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SAXE, Bernhard D.
; REGISTRATION NUMBER: 28,665
; REFERENCE/DOCKET NUMBER: 18733/464
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
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US-09-253-794-23

Query Match 90.3%; Score 28; DB 9; Length 5;  
Best Local Similarity 80.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
Db 1 TYWMS 5

RESULT 6

US-09-977-797A-76  
; Sequence 76, Application US/09977797A  
; Publication No. US20030044772A1  
; GENERAL INFORMATION:  
; APPLICANT: Watkins, Jeffrey D.  
; APPLICANT: Huse, William D.  
; TITLE OF INVENTION: Methods for Identifying Ligand Specific Binding Molecules  
; FILE REFERENCE: AME-06805  
; CURRENT APPLICATION NUMBER: US/09/977,797A  
; CURRENT FILING DATE: 2002-06-25  
; PRIOR APPLICATION NUMBER: 09/129,026  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 08/905,825  
; PRIOR FILING DATE: 1997-08-04  
; NUMBER OF SEQ ID NOS: 136  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 76  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-977-797A-76

Query Match 90.3%; Score 28; DB 10; Length 5;  
Best Local Similarity 80.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
Db 1 TYWMS 5

RESULT 7

US-10-297-371A-4  
; Sequence 4, Application US/10297371A  
; Publication No. US20040131607A1  
; GENERAL INFORMATION:  
; APPLICANT: Carroll, Michael C.  
; APPLICANT: Moore, Jr., Francis D.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING  
; FILE REFERENCE: 10861-024U51  
; CURRENT APPLICATION NUMBER: US/10/297,371A  
; CURRENT FILING DATE: 2004-01-02  
; PRIOR APPLICATION NUMBER: PCT/US01/18510  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 60/210,272  
; PRIOR FILING DATE: 2000-06-08  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-10-297-371A-4

Query Match 90.3%; Score 28; DB 16; Length 5;  
Best Local Similarity 80.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
Db 1 SYWMS 5

RESULT 8

US-10-680-734-23  
; Sequence 23, Application US/10680734  
; Publication No. US20040191248A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLDENBERG, DAVID M.  
; APPLICANT: HANSEN, HANS J.  
; TITLE OF INVENTION: ANTIBODY THERAPY  
; FILE REFERENCE: 40923-C051U55  
; CURRENT APPLICATION NUMBER: US/10/680,734  
; CURRENT FILING DATE: 2003-10-08  
; PRIOR APPLICATION NUMBER: 60/467,161  
; PRIOR FILING DATE: 2003-05-02  
; PRIOR APPLICATION NUMBER: PCT/US02/32307  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/416,531  
; PRIOR FILING DATE: 2002-10-08  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 23  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Mus sp.  
US-10-680-734-23

Query Match 90.3%; Score 28; DB 17; Length 5;  
Best Local Similarity 80.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
Db 1 TYWMS 5

RESULT 9

US-09-748-960-12  
; Sequence 12, Application US/09748960  
; Patent No. US20010046496A1  
; GENERAL INFORMATION:  
; APPLICANT: Brettman, Lee R.  
; APPLICANT: Fox, Judith A.  
; APPLICANT: Allison, David Edward  
; TITLE OF INVENTION: Method of Administering an Antibody  
; FILE REFERENCE: 1855-2007-001  
; CURRENT APPLICATION NUMBER: US/09/748,960  
; CURRENT FILING DATE: 2000-12-27  
; PRIOR APPLICATION NUMBER: US 09/550,082  
; PRIOR FILING DATE: 2000-04-14  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Mus musculus  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (1)...(5)  
; OTHER INFORMATION: CDR1 of the heavy chain of antibodies Act-1 and  
; OTHER INFORMATION: LDP-02  
US-09-748-960-12

Query Match 87.1%; Score 27; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWM 4  
Db 1 SYWM 4

```

; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Vallejo J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-49

Query Match      87.1%; Score 27; DB 11; Length 5;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
DB 1 SYWIS 5

RESULT 13
US-10-216-484-2
; Sequence 2, Application US/10216484
; Publication No. US20030103976A1
; GENERAL INFORMATION:
; APPLICANT: Serizawa, No. US20030103976A1ufusa
; APPLICANT: Haruyama, Hideyuki
; APPLICANT: Nakahara, Kaori
; APPLICANT: Takahashi, Tohru
; TITLE OF INVENTION: Anti-Fas Antibodies
; FILE REFERENCE: 980126CIP/HG
; CURRENT APPLICATION NUMBER: US/10/216,484
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US/09/499,662
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 09/053,583
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 2
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-216-484-2

Query Match      87.1%; Score 27; DB 14; Length 5;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWM 4
DB 1 SYWM 4

RESULT 14
US-10-384-933-2
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; Publication No. US/09832312
; Patent No. US20010049829A1
; GENERAL INFORMATION:
; APPLICANT: Busfield et al.
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/832,312
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-49

Query Match      87.1%; Score 27; DB 9; Length 5;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
DB 1 SYWIS 5

RESULT 11
US-09-977-797A-90
; Sequence 90, Application US/09977797A
; Publication No. US20030044772A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
; APPLICANT: Wu, Herren
; TITLE OF INVENTION: Methods for Identifying Ligand Specific Binding Molecules
; FILE REFERENCE: AME-06805
; CURRENT APPLICATION NUMBER: US/09/977,797A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 09/129,026
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 08/905,825
; PRIOR FILING DATE: 1997-08-04
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 90
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-797A-90

Query Match      87.1%; Score 27; DB 10; Length 5;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5
DB 1 SYWIS 5

RESULT 12
US-09-829-495-49
; Sequence 49, Application US/09929495
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; Sequence 2, Application US/10384933
; Publication No. US20030170817A1
; GENERAL INFORMATION:
; APPLICANT: Serizawa, No. US20030170817A1ufusa
; APPLICANT: Haruyama, Hideyuki
; APPLICANT: Nakahara, Kaori
; APPLICANT: Tamaki, Ikuko
; APPLICANT: Takahashi, Tohru
; TITLE OF INVENTION: Anti-Fas Antibodies
; FILE REFERENCE: 980126CIP/HG
; CURRENT APPLICATION NUMBER: US/10/384,933
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US/09/499,662
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 2
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-384-933-2

Query Match      87.1%; Score 27; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 SYWM 4
Db      1 SYWM 4

RESULT 15
US-10-226-795-23
; Sequence 23, Application US/10226795
; Publication No. US20040053865A1
; GENERAL INFORMATION:
; APPLICANT: HART, MARY KATE
; APPLICANT: WILSON, JULIE
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES AND COMPLEMENTARITY-DETERMINING
; TITLE OF INVENTION: REGIONS BINDING TO EBOLA GLYCOPROTEIN
; FILE REFERENCE: ARMY 166
; CURRENT APPLICATION NUMBER: US/10/226,795
; CURRENT FILING DATE: 2002-11-18
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic heavy
; OTHER INFORMATION: chain of Mab EGF6D8-1-2 amino acid sequence
US-10-226-795-23

Query Match      87.1%; Score 27; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 YWMS 5
Db      2 YWMS 5

Search completed: December 18, 2004, 17:46:14
Job time : 141 secs

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OM protein - protein search, using sw model

Run on: December 18, 2004, 17:23:23 ; Search time 36 Seconds  
(without alignments)  
9.211 Million cell updates/sec

Title: US-09-610-118-61  
Perfect score: 31  
Sequence: 1 SYWMS 5

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 26504

Minimum DB seq length: 0  
Maximum DB seq length: 5

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA.\*  
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4: /cgn2\_6/ptodata/1/iaa/6B\_COMB.pap.\*  
5: /cgn2\_6/ptodata/1/iaa/PCTUS\_COMB.pap.\*  
6: /cgn2\_6/ptodata/1/iaa/backfiles.pap.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	28	90.3	5	2	US-08-318-157B-23
2	28	90.3	5	4	US-09-253-794-23
3	27	87.1	5	1	US-08-244-626-12
4	27	87.1	5	1	US-08-318-970B-1
5	27	87.1	5	2	US-08-480-434-32
6	27	87.1	5	2	US-08-053-451B-32
7	27	87.1	5	3	US-09-406-532-5
8	27	87.1	5	4	US-09-091-071-6
9	25	80.6	5	4	US-09-508-413A-2
10	25	80.6	5	4	US-09-155-106-1
11	24	77.4	4	4	US-09-948-004-32
12	24	77.4	5	1	US-08-318-970B-3
13	23	74.2	5	2	US-08-480-434-22
14	23	74.2	5	2	US-08-480-434-31
15	23	74.2	5	2	US-08-053-451B-22
16	23	74.2	5	2	US-08-053-451B-31
17	23	74.2	5	3	US-08-478-089A-7
18	23	74.2	5	4	US-07-669-545B-7
19	23	74.2	5	1	US-09-269-931-6
20	22	71.0	5	4	US-07-946-421-4
21	20	64.5	4	1	US-07-869-933-21
22	20	64.5	4	3	US-09-103-663-21
23	20	64.5	5	1	US-07-789-184-158
24	20	64.5	5	1	US-08-475-263-158
25	20	64.5	5	1	US-08-486-886-158
26	20	64.5	5	2	US-08-477-362-158
27	20	64.5	5	2	US-08-477-134-158

28 20 64.5 5 2 US-08-476-176B-50 Sequence 50, Appl  
29 20 64.5 5 3 US-08-473-489A-158 Sequence 158, Appl  
30 20 64.5 5 3 US-08-127-721A-50 Sequence 50, Appl  
31 20 64.5 5 3 US-08-485-246A-50 Sequence 50, Appl  
32 20 64.5 5 3 US-08-485-695-158 Sequence 158, Appl  
33 20 64.5 5 3 US-08-018-760-158 Sequence 158, Appl  
34 20 64.5 5 3 US-07-987-264-1 Sequence 1, Appl  
35 20 64.5 5 4 US-09-688-188B-40 Sequence 40, Appl  
36 20 64.5 5 4 US-09-628-665-8 Sequence 8, Appl  
37 20 64.5 5 4 US-09-291-417D-40 Sequence 40, Appl  
38 20 64.5 5 4 US-09-254-180C-1 Sequence 1, Appl  
39 19 61.3 5 1 US-08-068-947-1 Sequence 1, Appl  
40 19 61.3 5 1 US-08-353-400-27 Sequence 27, Appl  
41 19 61.3 5 3 US-03-382-889A-4 Sequence 4, Appl  
42 19 61.3 5 4 US-08-877-605-9 Sequence 9, Appl  
43 19 61.3 5 4 US-08-877-605-14 Sequence 14, Appl  
44 18 58.1 3 1 US-08-440-504A-1 Sequence 1, Appl  
45 18 58.1 3 3 US-08-433-613-1 Sequence 1, Appl

## ALIGNMENTS

RESULT 1  
US-08-318-157B-23  
; Sequence 23, Application US/08318157B  
; Patent No. 5874540  
; GENERAL INFORMATION:  
; APPLICANT: HANSEN, Hans J.  
; APPLICANT: ARMOUR, Kathryn L.  
; TITLE OF INVENTION: CDR-GRAFTED TYPE III ANTI-CEA HUMANIZED  
; TITLE OF INVENTION: MOUSE MONOCLONAL ANTIBODIES  
; NUMBER OF SEQUENCES: 58  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/318,157B  
; FILING DATE: 05-OCT-1994  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SAXE, Bernhard D.  
; REGISTRATION NUMBER: 28,665  
; REFERENCE/DOCKET NUMBER: 18733/464  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)672-5300  
; TELEFAX: (202)672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-318-157B-23

Query Match 90.3%; Score 28; DB 2; Length 5;  
Best Local Similarity 80.0%; Pred. No. 3.8e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 SYWMS 5

Db 1 TYWMS 5

## RESULT 2

US-09-253-794-23  
; Sequence 23, Application US/09253794  
; Patent No. 6676924  
; GENERAL INFORMATION:  
; APPLICANT: HANSEN, Hans J.  
; ARMOUR, Kathryn L.  
; TITLE OF INVENTION: CDR-GRAFTED TYPE III ANTI-CEA HUMANIZED  
; MOUSE MONOCLONAL ANTIBODIES  
; NUMBER OF SEQUENCES: 58  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/253,794  
; FILING DATE: 22-Feb-1999  
; CLASSIFICATION: <unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/318,157  
; FILING DATE: 05-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SAXE, Bernhard D.  
; REGISTRATION NUMBER: 28,665  
; REFERENCE/DOCKET NUMBER: 18733/464  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)672-5300  
; TELEFAX: (202)672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: <unknown>  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
US-09-253-794-23

Query Match 90.3%; Score 28; DB 4; Length 5;  
Best Local Similarity 80.0%; Pred. No. 3.8e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWMS 5  
DB 1 TYWMS 5

## RESULT 3

US-09-244-626-12  
; Sequence 12, Application US/08244626  
; Patent No. 5502167  
; GENERAL INFORMATION:  
; APPLICANT: Waldmann, Herman  
; APPLICANT: Walsh, Louise  
; APPLICANT: Crowe, James Scott  
; APPLICANT: Lewis, Alan Peter  
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL  
; ANTIBODIES  
; NUMBER OF SEQUENCES: 34  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, p.c.  
; STREET: 555 Thirteenth Street, N. W.

CITY: Washington  
STATE: D. C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,626  
FILING DATE: July 15, 1994  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB92/02251  
FILING DATE: December 4, 1992  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Ernst, Barbara G.  
REGISTRATION NUMBER: 30,377  
REFERENCE/DOCKET NUMBER: 1808-153A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 783-6040  
TELEFAX: (202) 783-6031  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-244-626-12

Query Match 87.1%; Score 27; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 3.8e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 YWMS 5  
DB 2 YWMS 5

## RESULT 4

US-08-318-970B-1  
; Sequence 1, Application US/08318970B  
; Patent No. 5589573  
; GENERAL INFORMATION:  
; APPLICANT: Hideaki HAGIWARA, et al.  
; TITLE OF INVENTION: AMINO ACID SEQUENCES OF ANTI-IDIOTYPIC  
; ANTIBODIES AGAINST ANTI-CANCER HUMAN MONOCLONAL ANTIBODY  
; TITLE OF INVENTION: AND DNA BASE SEQUENCES ENCODING THOSE SEQUENCES  
; NUMBER OF SEQUENCES: 48  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Office of Sherman and Shalloway  
; STREET: 413 N. Washington Street  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: USA  
; ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
COMPUTER: Dell System 210; Intel 80 285 Microprocessor  
OPERATING SYSTEM: MS DOS 3.3  
SOFTWARE: Word Perfect, Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/318,970B  
FILING DATE: October 6, 1994  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Richard A. Steinberg  
REGISTRATION NUMBER: 26,588  
REFERENCE/DOCKET NUMBER: S-2371  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 549-2282

TELEFAX: (703) 836-0106  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 FEATURE:  
 NAME/KEY: H-CDR1-1  
 OTHER INFORMATION: hypervariable region  
 US-08-318-970B-1

Query Match 87.1%; Score 27; DB 1; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 3.8e+05;  
 Matches 4; Conservative 0; Mismatches 0; Indels 0;

QY 1 SYWM 4  
 ||||  
 Db 1 SYWM 4

RESULT 5  
 US-08-480-434-32  
 ; Sequence 32, Application US/08480434  
 ; Patent No. 5811248  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Charles C. Dittow, et al.  
 ; TITLE OF INVENTION: ATHEROSCLEROTIC PLAQUE SPECIFIC ANTIGENS,  
 ; TITLE OF INVENTION: ANTIBODIES THERETO, AND USES THEREOF  
 ; NUMBER OF SEQUENCES: 88  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Pennie & Edmonds  
 ; STREET: 1155 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: U.S.A.  
 ; ZIP: 10036

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.24  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/480,434  
 FILING DATE: 07-JUN-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Albert P. Halluin  
 REGISTRATION NUMBER: 25,227  
 REFERENCE/DOCKET NUMBER: 7606-053  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 854-3660  
 TELEFAX: (415) 854-3694  
 TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 32:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: unknown  
 TOPOLOGY: unknown  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: N  
 ANTI-SENSE: N  
 US-08-480-434-32

Query Match 87.1%; Score 27; DB 2; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 3.8e+05;  
 Matches 4; Conservative 0; Mismatches 0; Indels 0;

QY 2 YWMS 5  
 ||||  
 Db 2 YWMS 5

RESULT 6  
 US-08-053-451B-32  
 ; Sequence 32, Application US/08053451B  
 ; Patent No. 5955584  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chen, Francis W.  
 ; APPLICANT: Dittow, Charles C.  
 ; APPLICANT: Calenoff, Emanuel  
 ; TITLE OF INVENTION: ATHEROSCLEROTIC PLAQUE SPECIFIC  
 ; TITLE OF INVENTION: ANTIGENS, ANTIBODIES THERETO, AND USES THEREOF  
 ; NUMBER OF SEQUENCES: 176  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Pennie & Edmonds  
 ; STREET: 1155 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: USA  
 ; ZIP: 10036

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/053,451B  
 FILING DATE: 26-APR-1993  
 CLASSIFICATION: 424  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Halluin, Albert P.  
 REGISTRATION NUMBER: 25,227  
 REFERENCE/DOCKET NUMBER: 7606-033-999  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-854-3660  
 TELEFAX: 415-854-3694  
 TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 32:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: unknown  
 TOPOLOGY: unknown  
 MOLECULE TYPE: DNA  
 HYPOTHETICAL: N  
 ANTI-SENSE: N  
 US-08-053-451B-32

Query Match 87.1%; Score 27; DB 2; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 3.8e+05;  
 Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 YWMS 5  
 ||||  
 Db 2 YWMS 5

RESULT 7  
 US-09-406-532-5  
 ; Sequence 5, Application US/09406532A  
 ; Patent No. 6365154  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Connie L. Erickson-Miller  
 ; APPLICANT: Stephen D. Holmes  
 ; APPLICANT: James D. Winkler  
 ; TITLE OF INVENTION: TIE2 Agonist Antibodies  
 ; FILE REFERENCE: P50843  
 ; CURRENT APPLICATION NUMBER: US/09/406,532A  
 ; CURRENT FILING DATE: 1999-09-27  
 ; PRIOR APPLICATION NUMBER: 80/102,098  
 ; PRIOR FILING DATE: 1998-09-28  
 ; NUMBER OF SEQ ID NOS: 21  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 5

```

; LENGTH: 5
; TYPE: PRT
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1)...(5)
; OTHER INFORMATION: 15B8 heavy chain CDR 1
US-09-406-532-5

Query Match      87.1%; Score 27; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. NO. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWM 4
DB      1 SYWM 4

RESULT 8
US-09-091-071-6
; Sequence 6, Application US/09091071
; Patent No. 6610500
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DESIGN OF HORMONE-LIKE ANTIBODIES WITH
; TITLE OF INVENTION: AGONISTIC AND ANTAGONISTIC FUNCTIONS
; NUMBER OF SEQUENCES: 9
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/091.071
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/CA96/00815
; FILING DATE: 06-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 952180.7
; FILING DATE: 08-DEC-1995
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-091-071-6

Query Match      87.1%; Score 27; DB 4; Length 5;
Best Local Similarity 100.0%; Pred. NO. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWM 4
DB      1 SYWM 4

RESULT 9
US-09-508-413A-2
; Sequence 2, Application US/09508413A
; Patent No. 6667035
; GENERAL INFORMATION:
; APPLICANT: von Eichel-Streiber, Christoph
; TITLE OF INVENTION: AMINO ACID SEQUENCES FOR THERAPEUTIC AND
; TITLE OF INVENTION: PROPHYLACTIC USE AGAINST DISEASES DUE TO CLOSTRIDIUM
; TITLE OF INVENTION: DIFFICILE TOXINS
; FILE REFERENCE: 415142000200
; CURRENT APPLICATION NUMBER: US/09/508,413A
; CURRENT FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: PCT/EP98/05759

```

```

; PRIOR FILING DATE: 1998-09-10
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-508-413A-2

Query Match      80.8%; Score 25; DB 4; Length 5;
Best Local Similarity 60.0%; Pred. NO. 3.8e+05;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWM 5
DB      1 NYWM 5

RESULT 10
US-09-155-106-1
; Sequence 1, Application US/09155106
; Patent No. 6730300
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: HUMANIZATION OF AN ANTI-CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN ANTI-IDIOTYPE ANTIBODY AND USE AS A TUMOR VACCINE
; NUMBER OF SEQUENCES: 45
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,106
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/04696
; FILING DATE: 19-MAR-1997
; APPLICATION NUMBER: US 60/013,708
; FILING DATE: 20-MAR-1996
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-155-106-1

Query Match      80.8%; Score 25; DB 4; Length 5;
Best Local Similarity 60.0%; Pred. NO. 3.8e+05;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYWM 5
DB      1 NYWM 5

RESULT 11
US-09-948-004-32
; Sequence 32, Application US/09948004
; Patent No. 6723538
; GENERAL INFORMATION:
; APPLICANT: MACK, Matthias
; TITLE OF INVENTION: Antibody and/or chemokine constructs and their use in
; TITLE OF INVENTION: immunological disorders
; FILE REFERENCE: E 2411 EP
; CURRENT APPLICATION NUMBER: US/09/948,004
; CURRENT FILING DATE: 2001-09-05
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 32

```

; LENGTH: 4  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: peptide  
 US-09-948-004-32

Query Match 77.4%; Score 24; DB 4; Length 4;  
 Best Local Similarity 75.0%; Pred. No. 3.8e+05;  
 Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YWMS 5  
 :  
 Db 1 YWYM 4

RESULT 12  
 US-08-318-970B-3  
 ; Sequence 3, Application US/08318970B  
 ; Patent No. 581248  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hideaki HAGIWARA, et al.  
 ; TITLE OF INVENTION: AMINO ACID SEQUENCES OF ANTI-IDIOTYPIC  
 ; ANTIBODIES AGAINST ANTI-CANCER HUMAN MONOCLONAL ANTIBODY  
 ; TITLE OF INVENTION: AND DNA BASE SEQUENCES ENCODING THOSE SEQUENCES  
 ; NUMBER OF SEQUENCES: 48  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Office of Sherman and Shalloway  
 ; STREET: 413 N. Washington Street  
 ; CITY: Alexandria  
 ; STATE: Virginia  
 ; COUNTRY: USA  
 ; ZIP: 22314

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
 ; COMPUTER: Dell System 210; Intel 80 285 Microprocessor  
 ; OPERATING SYSTEM: MS DOS 3.3  
 ; SOFTWARE: Word Perfect, Version 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/318,970B  
 ; FILING DATE: October 6, 1994  
 ; CLASSIFICATION: 530  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Richard A. Steinberg  
 ; REGISTRATION NUMBER: 26,588  
 ; REFERENCE/DOCKET NUMBER: S-2371  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 549-2282  
 ; TELEFAX: (703) 836-0106  
 ; INFORMATION FOR SEQ ID NO: 3:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 5 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; FEATURE:  
 ; NAME/KEY: H-CDRI-3  
 ; OTHER INFORMATION: hypervariable region

US-08-318-970B-3  
 Query Match 77.4%; Score 24; DB 1; Length 5;  
 Best Local Similarity 75.0%; Pred. No. 3.8e+05;  
 Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWM 4  
 :  
 Db 1 NYWM 4

RESULT 13  
 US-08-480-434-22  
 ; Sequence 22, Application US/08480434  
 ; Patent No. 5811248

Query Match 77.4%; Score 24; DB 1; Length 5;  
 Best Local Similarity 75.0%; Pred. No. 3.8e+05;  
 Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYWM 4  
 :  
 Db 1 NYWM 4

RESULT 14  
 US-08-480-434-31  
 ; Sequence 31, Application US/08480434  
 ; Patent No. 5811248

; GENERAL INFORMATION:  
 ; APPLICANT: Charles C. Ditlow, et al.  
 ; TITLE OF INVENTION: ATHEROSCLEROTIC PLAQUE SPECIFIC ANTIGENS,  
 ; ANTIBODIES THERETO, AND USES THEREOF  
 ; NUMBER OF SEQUENCES: 88  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Pennie & Edmonds  
 ; STREET: 1155 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: U.S.A.  
 ; ZIP: 10036  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.24  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/480,434  
 ; FILING DATE: 07-JUN-1995  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Albert P. Halluin  
 ; REGISTRATION NUMBER: 25,227  
 ; REFERENCE/DOCKET NUMBER: 7606-053  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 854-3660  
 ; TELEFAX: (415) 854-3694  
 ; TELEX: 66141 PENNIE  
 ; INFORMATION FOR SEQ ID NO: 22:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 5 amino acids  
 ; TYPE: amino acid  
 ; STRANDEDNESS: unknown  
 ; TOPOLOGY: unknown  
 ; MOLECULE TYPE: DNA (genomic)  
 ; HYPOTHETICAL: N  
 ; ANTI-SENSE: N  
 US-08-480-434-22

Query Match 74.2%; Score 23; DB 2; Length 5;  
 Best Local Similarity 75.0%; Pred. No. 3.8e+05;  
 Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YWMS 5  
 :  
 Db 2 FWMS 5

RESULT 14  
 US-08-480-434-31  
 ; Sequence 31, Application US/08480434  
 ; Patent No. 5811248  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Charles C. Ditlow, et al.  
 ; TITLE OF INVENTION: ATHEROSCLEROTIC PLAQUE SPECIFIC ANTIGENS,  
 ; ANTIBODIES THERETO, AND USES THEREOF  
 ; NUMBER OF SEQUENCES: 88  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Pennie & Edmonds  
 ; STREET: 1155 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: U.S.A.  
 ; ZIP: 10036  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.24  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/480,434  
 ; FILING DATE: 07-JUN-1995

```

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 7606-053
TELEPHONE: (415) 854-3660
TELEFAX: (415) 854-3694
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: N
ANTI-SENSE: N
US-08-480-434-31

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```

Query Match      74.2%; Score 23; DB 2; Length 5;
Best Local Similarity 75.0%; Pred. No. 3.8e+05;
Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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```

QY      2 YWMS 5
       :|||
Db      2 FWMS 5

```

```

RESULT 15
US-08-053-451B-22
Sequence 22, Application US/08053451B
Patent No. 5955584
GENERAL INFORMATION:
APPLICANT: Chen, Francis W.
APPLICANT: Ditlow, Charles C.
APPLICANT: Caleroff, Emanuel
TITLE OF INVENTION: ATHEROSCLEROTIC PLAQUE SPECIFIC
TITLE OF INVENTION: ANTIGENS, ANTIBODIES THERETO, AND USES THEREOF
NUMBER OF SEQUENCES: 176
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/053.451B
FILING DATE: 26-APR-1993
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Halluin, Albert P.
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 7606-033-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-3660
TELEFAX: 415-854-3694
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
HYPOTHETICAL: N
ANTI-SENSE: N

```

```

US-08-053-451B-22
Query Match      74.2%; Score 23; DB 2; Length 5;
Best Local Similarity 75.0%; Pred. No. 3.8e+05;
Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY      2 YWMS 5
       :|||
Db      2 FWMS 5
Search completed: December 18, 2004, 17:35:38
Job time : 37 secs

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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: December 18, 2004, 16:16:45 ; Search time 18.7295 Seconds  
(without alignments)  
324.792 Million cell updates/sec

Title: US-09-610-118-62

Perfect score: 89

Sequence: 1 NIKQDSEKYYADSVRG 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 1589859

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:\*

- 1: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*
- 2: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*
- 3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep.\*
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- 20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	89	100.0	17	9	US-09-832-312-62
2	89	100.0	17	11	US-09-832-312-62
3	82	92.1	17	14	US-10-173-551-16
4	82	92.1	17	14	US-10-173-551-16
5	82	92.1	17	14	US-10-173-551-16
6	82	92.1	17	14	US-10-173-551-16
7	82	92.1	17	14	US-10-173-551-16
8	82	92.1	17	14	US-10-173-551-16
9	82	92.1	17	14	US-10-173-551-16
10	82	92.1	17	14	US-10-173-551-16
11	82	92.1	17	14	US-10-173-551-16
12	82	92.1	17	14	US-10-173-551-16
13	82	92.1	17	14	US-10-173-551-16

82	92.1	120	10	US-09-995-529-8	Sequence 8, Appli
82	92.1	120	11	US-09-995-529-8	Sequence 8, Appli
82	92.1	134	9	US-09-811-737-3	Sequence 3, Appli
82	92.1	241	10	US-09-880-748-1889	Sequence 1889, Ap
82	92.1	241	14	US-10-293-418-1889	Sequence 1889, Ap
82	92.1	247	10	US-09-880-748-1470	Sequence 1470, Ap
82	92.1	247	14	US-10-322-673-48	Sequence 48, Appli
82	92.1	247	14	US-10-322-673-48	Sequence 48, Appli
82	92.1	251	10	US-09-880-748-1594	Sequence 1594, Ap
82	92.1	251	14	US-10-293-418-1594	Sequence 1594, Ap
82	92.1	253	10	US-09-880-748-1003	Sequence 1003, Ap
82	92.1	253	14	US-10-293-418-1003	Sequence 1003, Ap
82	92.1	253	14	US-10-293-418-1003	Sequence 1003, Ap
82	92.1	253	14	US-10-293-418-1003	Sequence 1003, Ap
82	92.1	262	9	US-09-811-737-19	Sequence 19, Appli
82	92.1	312	13	US-10-552-798-10	Sequence 10, Appli
82	92.1	312	14	US-10-552-798-10	Sequence 10, Appli
82	92.1	312	15	US-10-423-448-10	Sequence 10, Appli
82	92.1	502	16	US-10-679-620-88	Sequence 88, Appli
79	88.8	157	17	US-10-473-287-34	Sequence 34, Appli
79	88.8	157	17	US-10-473-287-34	Sequence 34, Appli
75	84.3	17	10	US-09-977-797A-98	Sequence 98, Appli
75	84.3	133	15	US-10-364-743-78	Sequence 78, Appli
75	84.3	250	10	US-09-880-748-1319	Sequence 1319, Ap
75	84.3	250	14	US-10-293-418-1319	Sequence 1319, Ap
75	84.3	250	14	US-10-293-418-1319	Sequence 1319, Ap
75	84.3	250	14	US-10-293-418-1319	Sequence 1319, Ap
75	84.3	251	14	US-10-293-418-1319	Sequence 1319, Ap
74	83.1	121	15	US-10-364-743-79	Sequence 79, Appli
74	83.1	121	15	US-10-364-743-79	Sequence 79, Appli
74	83.1	254	10	US-09-880-748-1511	Sequence 1511, Ap
74	83.1	254	14	US-10-293-418-1511	Sequence 1511, Ap
73	82.0	17	10	US-09-977-797A-110	Sequence 110, App

ALIGNMENTS

RESULT 1

US-09-832-312-62  
; Sequence 62, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 62  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-62

Query Match 100.0%; Score 89; DB 9; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.8e-07; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 0;

QY 1 NIKQDSEKYYADSVRG 17

Db 1 NIKQDSEKYYADSVRG 17

RESULT 2

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US-09-829-495-62
; Sequence 62, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Petrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: C9/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-62

Query Match 100.0%; Score 89; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17
DB 1 NIKQDSEKYYADSVRG 17

RESULT 3
US-10-173-551-16
; Sequence 16, Application US/10173551
; Publication No. US2003023287A1
; GENERAL INFORMATION:
; APPLICANT: Lu, Crafen
; TITLE OF INVENTION: Antibodies that bind alphaE Integrin
; FILE REFERENCE: 1855.2025-000
; CURRENT APPLICATION NUMBER: US/10/173,551
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-173-551-16

Query Match 92.1%; Score 82; DB 14; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.7e-06;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17
DB 1 NIKQDSEKYYADSVRG 17

RESULT 4
US-10-194-975-15
; Sequence 15, Application US/10194975
; Publication No. US20030039849A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-15

Query Match 92.1%; Score 82; DB 14; Length 98;
Best Local Similarity 88.2%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17
DB 50 NIKQDSEKYYADSVRG 66

RESULT 5
US-10-308-817-55
; Sequence 55, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-55

Query Match 92.1%; Score 82; DB 14; Length 98;
Best Local Similarity 88.2%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17
DB 50 NIKQDSEKYYADSVRG 66

RESULT 6
US-10-032-037B-85
; Sequence 85, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-85

Query Match 92.1%; Score 82; DB 15; Length 98;
Best Local Similarity 88.2%; Pred. No. 2.4e-05;

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Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 NIKQDSEKYYADSVRG 17
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Db 50 NIKQDSEKYYVDSVKG 66

RESULT 7
US-10-029-988B-85
; Sequence 85, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-85

Query Match 92.1%; Score 82; DB 15; Length 98;
Best Local Similarity 88.2%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 NIKQDSEKYYADSVRG 17
    |||||
Db 50 NIKQDSEKYYVDSVKG 66

RESULT 8
US-10-032-423A-85
; Sequence 85, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-423A-85

Query Match 92.1%; Score 82; DB 15; Length 98;
Best Local Similarity 88.2%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 NIKQDSEKYYADSVRG 17
    |||||
Db 50 NIKQDSEKYYVDSVKG 66

RESULT 9
US-10-453-698-55
; Sequence 55, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
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; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 55
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-55

Query Match 92.1%; Score 82; DB 15; Length 98;
Best Local Similarity 88.2%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 NIKQDSEKYYADSVRG 17
    |||||
Db 50 NIKQDSEKYYVDSVKG 66

RESULT 10
US-10-029-926B-85
; Sequence 85, Application US/10029926B
; Publication No. US20040073011A1
; GENERAL INFORMATION:
; APPLICANT: HAGAY, et al.
; TITLE OF INVENTION: SPECIFIC HUMAN ANTIBODIES FOR SELECTIVE CANCER THERAPY
; FILE REFERENCE: 10793/50
; CURRENT APPLICATION NUMBER: US/10/029,926B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 203
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-926B-85

Query Match 92.1%; Score 82; DB 15; Length 98;
Best Local Similarity 88.2%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 NIKQDSEKYYADSVRG 17
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Db 50 NIKQDSEKYYVDSVKG 66

RESULT 11
US-10-379-392-14
; Sequence 14, Application US/10379392
; Publication No. US20040110226A1
; GENERAL INFORMATION:
; APPLICANT: Lazar, Gregory Alan
; APPLICANT: Desjarlais, John Rudolf
; APPLICANT: Marshall, Shannon Alicia
; APPLICANT: Dahiyat, Basil I.
; TITLE OF INVENTION: ANTIBODY OPTIMIZATION
; FILE REFERENCE: A-71386-3 463077-236
; CURRENT APPLICATION NUMBER: US/10/379,392
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: US 60/360,843
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/384,197
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-10-379-392-14

Query Match 92.1%; Score 82; DB 16; Length 98;  
Best Local Similarity 88.2%; Pred. No. 2.4e-05;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
|||||  
DB 50 NIKQDSEKYYVDSVKG 66

RESULT 12

US-10-703-714-22  
; Sequence 22, Application US/10703714  
; Publication No. US20040170630A1  
; GENERAL INFORMATION:  
; APPLICANT: Huang, Haichun  
; APPLICANT: Holmes, Steven  
; APPLICANT: Mason, Sean  
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE  
; FILE REFERENCE: MXI-294  
; CURRENT APPLICATION NUMBER: US/10/703,714  
; CURRENT FILING DATE: 2003-11-07  
; PRIOR APPLICATION NUMBER: 60/424803  
; PRIOR FILING DATE: 2002-11-07  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 22  
; LENGTH: 99  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-703-714-22

Query Match 92.1%; Score 82; DB 16; Length 99;  
Best Local Similarity 88.2%; Pred. No. 2.4e-05;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
|||||  
DB 50 NIKQDSEKYYVDSVKG 66

RESULT 13

US-10-173-551-14  
; Sequence 14, Application US/10173551  
; Publication No. US2003023387A1  
; GENERAL INFORMATION:  
; APPLICANT: Lu, Chafen  
; TITLE OF INVENTION: Antibodies that bind alphaE Integrin  
; FILE REFERENCE: 1855.2025-000  
; CURRENT APPLICATION NUMBER: US/10/173,551  
; CURRENT FILING DATE: 2002-06-14  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 14  
; LENGTH: 118  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (31)...(35)  
; OTHER INFORMATION: CDR1  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (50)...(66)  
; OTHER INFORMATION: CDR2  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (99)...(107)  
; OTHER INFORMATION: CDR3  
US-10-173-551-14

Query Match 92.1%; Score 82; DB 14; Length 118;

Best Local Similarity 88.2%; Pred. No. 3e-05;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
|||||  
DB 50 NIKQDSEKYYVDSVKG 66

RESULT 14

US-09-995-529-8  
; Sequence 8, Application US/09995529  
; Publication No. US20030099655A1  
; GENERAL INFORMATION:  
; APPLICANT: Watkins, Jeffrey D.  
; APPLICANT: Huse, William D.  
; APPLICANT: Tang, Ying  
; TITLE OF INVENTION: Humanized Collagen Antibodies and  
; FILE REFERENCE: P-IX 4976  
; CURRENT APPLICATION NUMBER: US/09/995,529  
; CURRENT FILING DATE: 2001-11-26  
; NUMBER OF SEQ ID NOS: 358  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 120  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-995-529-8

Query Match 92.1%; Score 82; DB 10; Length 120;  
Best Local Similarity 88.2%; Pred. No. 3e-05;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
|||||  
DB 50 NIKQDSEKYYVDSVKG 66

RESULT 15

US-09-995-529-8  
; Sequence 8, Application US/09995529  
; Publication No. US20040091482A9  
; GENERAL INFORMATION:  
; APPLICANT: Watkins, Jeffrey D.  
; APPLICANT: Huse, William D.  
; APPLICANT: Tang, Ying  
; TITLE OF INVENTION: Humanized Collagen Antibodies and  
; FILE REFERENCE: P-IX 4976  
; CURRENT APPLICATION NUMBER: US/09/995,529  
; CURRENT FILING DATE: 2001-11-26  
; NUMBER OF SEQ ID NOS: 358  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 120  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-995-529-8

Query Match 92.1%; Score 82; DB 11; Length 120;  
Best Local Similarity 88.2%; Pred. No. 3e-05;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
|||||  
DB 50 NIKQDSEKYYVDSVKG 66

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Job time : 19.7295 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 16:11:14 ; Search time 4.47146 Seconds  
(without alignments)  
252.134 Million cell updates/sec

Title: US-09-610-118-62

Perfect score: 89

Sequence: 1 NIKQDSEKYYADSVRG 17

Scoring table: BLOSUM62

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Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	82	92.1	98	1 US-07-942-245-37	Sequence 37, Appl
2	82	92.1	117	3 US-08-545-809A-95	Sequence 95, Appl
3	82	92.1	312	3 US-09-079-029-10	Sequence 10, Appl
4	69	77.5	116	3 US-08-545-809A-134	Sequence 134, App
5	67	75.3	117	3 US-09-240-274-141	Sequence 141, App
6	65	73.0	117	4 US-09-383-667-11	Sequence 11, Appl
7	65	73.0	114	3 US-08-545-809A-124	Sequence 124, App
8	65	73.0	126	1 US-08-478-039-95	Sequence 95, Appl
9	65	73.0	126	1 US-08-478-349A-95	Sequence 95, Appl
10	64	71.9	17	4 US-09-383-667-16	Sequence 16, Appl
11	64	71.9	17	4 US-09-383-667-18	Sequence 18, Appl
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17	64	71.9	17	4 US-09-424-840-108	Sequence 108, App
18	64	71.9	17	4 US-09-424-840-111	Sequence 111, App
19	64	71.9	17	4 US-09-424-840-113	Sequence 113, App
20	64	71.9	98	1 US-08-211-202-118	Sequence 118, App
21	64	71.9	116	1 US-08-211-202-141	Sequence 141, App
22	64	71.9	117	3 US-08-545-809A-115	Sequence 115, App
23	64	71.9	119	1 US-08-331-398A-46	Sequence 46, Appl
24	64	71.9	119	2 US-08-331-397B-46	Sequence 46, Appl
25	64	71.9	119	2 US-08-759-804A-46	Sequence 46, Appl
26	64	71.9	119	3 US-09-227-693-46	Sequence 46, Appl
27	64	71.9	120	1 US-08-211-202-135	Sequence 135, App

28 64 71.9 120 1 US-07-942-245-35 Sequence 35, Appl  
29 64 71.9 123 3 US-08-983-607-38 Sequence 38, Appl  
30 64 71.9 123 4 US-09-424-840-6 Sequence 6, Appl  
31 64 71.9 123 4 US-09-424-840-22 Sequence 22, Appl  
32 64 71.9 124 4 US-09-424-840-16 Sequence 16, Appl  
33 64 71.9 125 1 US-08-276-852-72 Sequence 72, Appl  
34 64 71.9 125 1 US-08-276-852-73 Sequence 73, Appl  
35 64 71.9 125 1 US-08-276-852-74 Sequence 74, Appl  
36 64 71.9 125 1 US-08-276-852-75 Sequence 75, Appl  
37 64 71.9 125 1 US-08-276-852-76 Sequence 76, Appl  
38 64 71.9 125 1 US-08-899-575-72 Sequence 72, Appl  
39 64 71.9 125 1 US-08-899-575-73 Sequence 73, Appl  
40 64 71.9 125 1 US-08-899-575-74 Sequence 74, Appl  
41 64 71.9 125 1 US-08-899-575-75 Sequence 75, Appl  
42 64 71.9 125 1 US-08-899-575-76 Sequence 76, Appl  
43 64 71.9 125 1 US-08-899-575-77 Sequence 77, Appl  
44 64 71.9 125 1 US-08-899-575-77 Sequence 77, Appl  
45 64 71.9 125 1 US-08-899-575-72 Sequence 72, Appl

## ALIGNMENTS

RESULT 1  
US-07-942-245-37  
; Sequence 37, Application US/07942245  
; Patent No. 5639641  
; GENERAL INFORMATION:  
; APPLICANT: PEDERSEN, Jan T.  
; APPLICANT: SEARLE, Stephen M.J.  
; APPLICANT: REES, Anthony R.  
; APPLICANT: ROGUSKA, Michael A.  
; APPLICANT: GUILD, Braydon C.  
; TITLE OF INVENTION: SURFACE RESIDUE VENERING OF RODENT  
; NUMBER OF SEQUENCES: 522  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas  
; STREET: 2100 Pennsylvania Avenue, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: United States  
; ZIP: 20037-3202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: HP 9000/700 Workstation  
; OPERATING SYSTEM: UNIX  
; SOFTWARE: In house  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/942,245  
; FILING DATE: 09-SEP-1992  
; CLASSIFICATION: 530  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 293-7060  
; TELEFAX: (202) 293-7860  
; TELEX: 6491103  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 98 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-07-942-245-37

Query Match 92.1%; Score 82; DB 1; Length 98;  
Best Local Similarity 86.2%; Pred. No. 7.4e-07;  
Matches 15; Conservative 1; Mismatches 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17

Db 50 NIKQDSEKYYADSVRG 66

```
RESULT 2
US-08-545-809A-95
; Sequence 95, Application US/08545809A
; Patent No. 6096878
; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; APPLICANT: Matsuda, Fumihiko
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
; NUMBER OF SEQUENCES: 145
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,809A
; FILING DATE: 27-MAR-1996
; PRIOR APPLICATION DATA: PCT/JP93/00603
; FILING DATE: 10-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 06501/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-545-809A-95

Query Match 92.1%; Score 82; DB 3; Length 117;
Best Local Similarity 88.2%; Pred. No. 9e-07;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17
Db 69 NIKQDSEKYYDVSKG 85

RESULT 3
US-09-079-029-10
; Sequence 10, Application US/09079029
; Patent No. 6342369
; GENERAL INFORMATION:
; APPLICANT: Adams, Camilla W.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Chuntharapai, Anan
; APPLICANT: Kim, Kyung J.
; TITLE OF INVENTION: Apo-2 Receptor
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
```

```
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/079,029
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Marschang, Diane L.
REGISTRATION NUMBER: 35,600
REFERENCE/DOCKET NUMBER: P1101R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5416
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 312 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
US-09-079-029-10

Query Match 92.1%; Score 82; DB 3; Length 312;
Best Local Similarity 88.2%; Pred. No. 2.7e-06;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17
Db 89 NIKQDSEKYYDVSVAG 105

RESULT 4
US-08-545-809A-134
; Sequence 134, Application US/08545809A
; Patent No. 6096878
; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; APPLICANT: Matsuda, Fumihiko
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
; NUMBER OF SEQUENCES: 145
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,809A
; FILING DATE: 27-MAR-1996
; PRIOR APPLICATION DATA: PCT/JP93/00603
; APPLICATION NUMBER:
; FILING DATE: 10-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 06501/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 116 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-545-809A-134
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Query Match 77.5%; Score 69; DB 3; Length 116;  
Best Local Similarity 76.5%; Pred. No. 0.00016;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
||| ||||| |||||  
Db 68 DIKQDSEKYYVDSVKG 84

## RESULT 5

US-09-240-274-141  
; Sequence 141, Application US/09240274  
; Patent No. 6255455  
; GENERAL INFORMATION:  
; APPLICANT: Siegel, Donald L.  
; TITLE OF INVENTION: Rh(D)-BINDING PROTEINS AND MAGNETICALLY ACTIVATED CELL  
; TITLE OF INVENTION: SORTING METHOD FOR PRODUCTION THEREOF  
; FILE REFERENCE: 09596-4202  
; CURRENT APPLICATION NUMBER: US/09/240,274  
; CURRENT FILING DATE: 1999-01-29  
; EARLIER APPLICATION NUMBER: 60/081,380  
; EARLIER FILING DATE: 1998-04-10  
; EARLIER APPLICATION NUMBER: 60/028,550  
; EARLIER FILING DATE: 1996-10-11  
; NUMBER OF SEQ ID NOS: 224  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 141  
; LENGTH: 117  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: anti-Rh(D) antibody clone SH17  
US-09-240-274-141

Query Match 75.3%; Score 67; DB 3; Length 117;  
Best Local Similarity 76.5%; Pred. No. 0.00037;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
||| ||||| |||||  
Db 50 NIKQDSEKYYVDSVKG 66

## RESULT 6

US-09-383-667-11  
; Sequence 11, Application US/09383667  
; Patent No. 6624295  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camelia W.  
; APPLICANT: Devaux, Brigitte  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Hass, Philip E.  
; APPLICANT: Judice, J. Kevin  
; APPLICANT: Kirchofer, Daniel  
; APPLICANT: Suggett, Shelley  
; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies  
; FILE REFERENCE: P1661R2  
; CURRENT APPLICATION NUMBER: US/09/383,667  
; CURRENT FILING DATE: 1999-08-26  
; EARLIER APPLICATION NUMBER: US 60/098,233  
; EARLIER FILING DATE: 1998-08-28  
; EARLIER APPLICATION NUMBER: US 60/122,767  
; EARLIER FILING DATE: 1999-03-03  
; NUMBER OF SEQ ID NOS: 32  
; SEQ ID NO 11  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-383-667-11

Query Match 73.0%; Score 65; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e-05;

Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;  
QY 2 IKQDSEKYYADSVRG 17  
||| ||||| |||||  
Db 2 ISYDGSKKYYADSVKG 17

## RESULT 7

US-08-545-809A-124  
; Sequence 124, Application US/08545809A  
; Patent No. 6096878  
; GENERAL INFORMATION:  
; APPLICANT: Honjo, Tasuku  
; APPLICANT: Matsuda, Fumihiko  
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE  
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME  
; NUMBER OF SEQUENCES: 145  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: US  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/545,809A  
; FILING DATE: 27-MAR-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP93/00603  
; FILING DATE: 10-MAY-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Freeman, John W.  
; REGISTRATION NUMBER: 29,066  
; REFERENCE/DOCKET NUMBER: 06501/004001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-542-5070  
; TELEFAX: 617-542-8906  
; TELEX: 200154  
; INFORMATION FOR SEQ ID NO: 124:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 114 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-545-809A-124

Query Match 73.0%; Score 65; DB 3; Length 114;  
Best Local Similarity 70.6%; Pred. No. 0.00079;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
||| ||||| |||||  
Db 68 HIWQDGSOKYYADSVKG 84

## RESULT 8

US-08-478-039-95  
; Sequence 95, Application US/08478039  
; Patent No. 5681722  
; GENERAL INFORMATION:  
; APPLICANT: Newman, Roland A.  
; APPLICANT: Hanna, Nabil  
; APPLICANT: Raab, Ronald W.  
; TITLE OF INVENTION: Recombinant Antibodies for Human Therapy  
; NUMBER OF SEQUENCES: 114  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince St.

```

; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US 08/478,039
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,072
; FILING DATE: 25-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,292
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,281
; FILING DATE: 23-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/735,064
; FILING DATE: 25-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin Esq., Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-160
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: RF SJ1
; US-08-478-039-95

Query Match 73.0%; Score 65; DB 1; Length 126;
Best Local Similarity 75.0%; Pred. No. 0.00089;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17
Db 51 ISDDGSKYYADSVKG 66

RESULT 9
US-08-476-349A-95
; Sequence 95, Application US/08476349A
; Patent No. 5750105
; GENERAL INFORMATION:
; APPLICANT: Newman, Roland A.
; APPLICANT: Harna, Nabil
; APPLICANT: Raab, Ronald W.
; TITLE OF INVENTION: Recombinant Antibodies for Human Therapy
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince St.
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,349A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,072
; FILING DATE: 25-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,292
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,281
; FILING DATE: 23-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/735,064
; FILING DATE: 25-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin Esq., Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-161
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: RF SJ1
; US-08-476-349A-95

Query Match 73.0%; Score 65; DB 1; Length 126;
Best Local Similarity 75.0%; Pred. No. 0.00089;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17
Db 51 ISDDGSKYYADSVKG 66

RESULT 10
US-09-383-667-16
; Sequence 16, Application US/09383667
; Patent No. 6624295
; GENERAL INFORMATION:
; APPLICANT: Adams, Camelia W.
; APPLICANT: Devaux, Brigitte
; APPLICANT: Eaton, Dan L.
; APPLICANT: Hass, Philip E.
; APPLICANT: Judice, J. Kevin
; APPLICANT: Kirchhofer, Daniel
; APPLICANT: Suggett, Shelley
; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies
; FILE REFERENCE: P1661R2
; CURRENT APPLICATION NUMBER: US/09/383,667
; CURRENT FILING DATE: 1999-08-26
; EARLIER APPLICATION NUMBER: US 60/098,233
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: US 60/122,767
; EARLIER FILING DATE: 1999-03-03
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 16
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-383-667-16

Query Match 71.9%; Score 64; DB 4; Length 17;
Best Local Similarity 75.0%; Pred. No. 0.00014;

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Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKDGS EKY YADSVRG 17  
| | | | | | | | | |  
Db 2 ISYDGS NKY YADSVRG 17

RESULT 11  
US-09-383-667-18

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US-09-383-667-18
/ Sequence 18, Application US/09383667
/ Patent No. 6624295
/ GENERAL INFORMATION:
/ APPLICANT: Adams, Camelia W.
/ APPLICANT: Devaux, Brigitte
/ APPLICANT: Batom, Dan L.
/ APPLICANT: Hass, Philip E.
/ APPLICANT: Judice, J. Kevin
/ APPLICANT: Kirchofer, Daniel
/ APPLICANT: Suggett, Shelley
/ TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies
/ FILE REFERENCE: P1661R2
/ CURRENT APPLICATION NUMBER: US/09/383,667
/ CURRENT FILING DATE: 1999-08-26
/ EARLIER APPLICATION NUMBER: US 60/098,233
/ EARLIER FILING DATE: 1998-08-28
/ EARLIER APPLICATION NUMBER: US 60/122,767
/ EARLIER FILING DATE: 1999-03-03
/ NUMBER OF SEQ ID NOS: 32
/ SEQ ID NO 18
/ LENGTH: 17
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-383-667-18

```

**Qy**            2 I K Q D G S E K Y Y A D S V R G    17  
               |      |      |      |      |      |  
**Dd**            2 I S Y D G S N K Y Y A D S V K G    17

RESULT 12  
UIS-09-424-840-36

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US-09-424-840-36
: Sequence 36, Application US/09424840
: Patent No. 6790938
: GENERAL INFORMATION:
: APPLICANT: BERCHTOLD, Peter
: APPLICANT: ESCHER, Robert F.A.
: TITLE OF INVENTION: Anti-GPIIb/IIIa Recombinant Antibodies
: FILE REFERENCE: 1C0564-09049
: CURRENT APPLICATION NUMBER: US/09/424, 840
: CURRENT FILING DATE: 1999-12-03
: PRIOR APPLICATION NUMBER: DE 197233904.8
: PRIOR FILING DATE: 1997-06-06
: PRIOR APPLICATION NUMBER: DE 19755227.7
: PRIOR FILING DATE: 1997-12-12
: PRIOR APPLICATION NUMBER: DE 19820663.1
: PRIOR FILING DATE: 1998-05-08
: NUMBER OF SEQ ID NOS: 127
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 36
: LENGTH: 17
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-424-840-36

```

QY 2 IKQDGEKYYADSVRG 17

db 2 ISYDGSNKYYADSVKG 17

RESULT 13  
 US-09-424-840-77  
 ; Sequence 77, Application US/09424840  
 ; Patent No. 6790938  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BERCHTOLD, Peter  
 ; APPLICANT: ESCHER, Robert F.A.  
 ; TITLE OF INVENTION: Anti-GPIIb/IIIa Recombinant Antibodies  
 ; FILE REFERENCE: 100564-09049  
 ; CURRENT APPLICATION NUMBER: US/09/424,840  
 ; CURRENT FILING DATE: 1999-12-03  
 ; PRIOR APPLICATION NUMBER: DE 19723904.8  
 ; PRIOR FILING DATE: 1997-06-06  
 ; PRIOR APPLICATION NUMBER: DE 19755227.7  
 ; PRIOR FILING DATE: 1997-12-12  
 ; PRIOR APPLICATION NUMBER: DE 19820653.1  
 ; PRIOR FILING DATE: 1998-05-08  
 ; NUMBER OF SEQ ID NOS: 127  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 77  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-424-840-77

Qy            2 IKQDGEKYYADSVRG 17  
               |      |      |      |      |  
db            2 ISYDGSNKYYADSVKG 17

RESULT 14  
US-08-424-840-84

```

US-09-424-840-84
/ Sequence 84, Application US/09424840
/ Patent No. 6790938
/ GENERAL INFORMATION:
/ APPLICANT: BERTCHOLD, Peter F.A.
/ APPLICANT: ESCHER, Robert F.A.
/ TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies
/ FILE REFERENCE: 100564-09049
/ CURRENT APPLICATION NUMBER: US/09/424,840
/ CURRENT FILING DATE: 1999-12-03
/ PRIOR APPLICATION NUMBER: DE 19723904.8
/ PRIOR FILING DATE: 1997-06-06
/ PRIOR APPLICATION NUMBER: DE 19755227.7
/ PRIOR FILING DATE: 1997-12-12
/ PRIOR APPLICATION NUMBER: DE 19820863.1
/ PRIOR FILING DATE: 1998-05-08
/ NUMBER OF SEQ ID NOS: 127
/ SOFTWARE: ParentIn Ver. 2.1
/ SEQ ID NO 84
/ LENGTH: 17
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-424-840-84

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**Qy**            2 IKQDSEKYYADSVRG 17  
               |  
               ||| ||| ||| :|  
**Db**            2 ISYDGSNKYYADSVKG 17

RESULT 15

US-09-424-840-95  
; Sequence 95, Application US/09424840  
; Patent No. 6790938  
; GENERAL INFORMATION:  
; APPLICANT: BERCHTOLD, Peter  
; APPLICANT: ESCHER, Robert F.A.  
; TITLE OF INVENTION: Anti-GPIIb/IIIa Recombinant Antibodies  
; FILE REFERENCE: 100564-09049  
; CURRENT APPLICATION NUMBER: US/09/424,840  
; CURRENT FILING DATE: 1999-12-03  
; PRIOR APPLICATION NUMBER: DE 19723904.8  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: DE 19755227.7  
; PRIOR FILING DATE: 1997-12-12  
; PRIOR APPLICATION NUMBER: DE 19820663.1  
; PRIOR FILING DATE: 1998-05-08  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: PatentIn ver. 2.1  
; SEQ ID NO 95  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-424-840-95

Query Match 71.9%; Score 64; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.00014;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
  
QY 2 IKQDGSSEKYADSVRG 17  
Db 2 ISYDGSNKKYADSVKG 17

Search completed: December 18, 2004, 16:21:49  
Job time : 5.47146 secs



GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 17:43:55 ; Search time 141 Seconds  
(without alignments)  
43.143 Million cell updates/sec

Title: US-09-610-118-62

Perfect score: 89  
Sequence: 1 NIKQDSEKYYADSVRG 17

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 262624

Minimum DB seq length: 0  
Maximum DB seq length: 17

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA.\*

1: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*  
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3: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep.\*  
4: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep.\*  
5: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*  
6: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*  
7: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep.\*  
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9: /cgn2\_6/ptodata/2/pubpaa/US09A\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/2/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/2/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/2/pubpaa/US09D\_PUBCOMB.pep.\*  
13: /cgn2\_6/ptodata/2/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/2/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep.\*  
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17: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	89	100.0	17	9	US-09-832-312-62
2	89	100.0	17	11	US-09-829-495-62
3	82	92.1	17	14	US-10-173-551-16
4	75	84.3	17	10	US-09-977-797A-98
5	73	82.0	17	10	US-09-977-797A-110
6	70	78.7	17	15	US-10-338-366-16
7	70	78.7	17	16	US-10-703-714-38
8	70	78.7	17	16	US-10-703-714-50
9	64	71.9	17	16	US-09-972-656-48
10	64	71.9	17	14	US-10-384-060-46
11	64	71.9	17	15	US-10-389-701-6
12	64	71.9	17	17	US-10-386-578-21
13	64	71.9	17	17	US-10-396-578-39

14	64	71.9	17	17	US-10-396-578-51	Sequence 51, Appl
15	64	71.9	17	17	US-10-396-578-81	Sequence 81, Appl
16	64	71.9	17	17	US-10-844-424-36	Sequence 36, Appl
17	64	71.9	17	17	US-10-844-424-77	Sequence 77, Appl
18	64	71.9	17	17	US-10-844-424-84	Sequence 84, Appl
19	64	71.9	17	17	US-10-844-424-95	Sequence 95, Appl
20	64	71.9	17	17	US-10-844-424-97	Sequence 97, Appl
21	64	71.9	17	17	US-10-844-424-108	Sequence 108, Appl
22	64	71.9	17	17	US-10-844-424-111	Sequence 111, Appl
23	64	71.9	17	17	US-10-844-424-113	Sequence 113, Appl
24	62	69.7	17	9	US-09-828-708-24	Sequence 24, Appl
25	61	68.5	17	9	US-09-948-939-32	Sequence 32, Appl
26	61	68.5	17	9	US-09-948-939-34	Sequence 34, Appl
27	61	68.5	17	9	US-09-828-708-23	Sequence 23, Appl
28	61	68.5	17	10	US-09-791-153A-17	Sequence 17, Appl
29	61	68.5	17	14	US-10-243-308-12	Sequence 12, Appl
30	61	68.5	17	14	US-10-243-265-12	Sequence 12, Appl
31	59	66.3	17	9	US-09-948-939-33	Sequence 33, Appl
32	59	66.3	17	14	US-10-031-874A-109	Sequence 109, Appl
33	58	65.2	17	10	US-09-920-267C-2	Sequence 2, Appl
34	58	65.2	17	15	US-10-720-323-2	Sequence 2, Appl
35	57	64.0	17	16	US-10-327-558-473	Sequence 473, Appl
36	56	62.9	17	9	US-09-798-058-6	Sequence 6, Appl
37	56	62.9	17	14	US-10-320-094-6	Sequence 6, Appl
38	56	62.9	17	15	US-10-220-418-6	Sequence 481, Appl
39	55	61.8	17	16	US-10-327-598-481	Sequence 105, Appl
40	54	60.7	17	14	US-10-031-874A-105	Sequence 30, Appl
41	53	59.6	17	14	US-10-031-874A-30	Sequence 30, Appl
42	53	59.6	17	16	US-10-450-036A-30	Sequence 177, Appl
43	53	59.6	17	16	US-10-632-706-177	Sequence 103, Appl
44	52	58.4	17	14	US-10-031-874A-103	Sequence 110, Appl
45	52	58.4	17	14	US-10-031-874A-110	

## ALIGNMENTS

RESULT 1  
US-09-832-312-62  
; Sequence 62, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 62  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-62

Query Match 100.0%; Score 89; DB 9; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e-07;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NIKQDSEKYYADSVRG 17  
Db 1 NIKQDSEKYYADSVRG 17

RESULT 2

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US-09-829-495-62
; Sequence 62, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villaveal J
; APPLICANT: Jandrot-Petrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/510,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-62

Query Match 100.0%; Score 89; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NIKQDGESEKYVDSVRG 17
Db 1 NIKQDGESEKYVDSVRG 17

RESULT 3
US-10-173-551-16
; Sequence 16, Application US/10173551
; Publication No. US20030232387A1
; GENERAL INFORMATION:
; APPLICANT: Lu Chafen
; TITLE OF INVENTION: Antibodies that bind alphaB integrin
; FILE REFERENCE: 1855.2025-000
; CURRENT APPLICATION NUMBER: US/10/173,551
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-173-551-16

Query Match 92.1%; Score 82; DB 14; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.7e-06;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 NIKQDGESEKYVDSVRG 17
Db 1 NIKQDGESEKYVDSVRG 17

RESULT 4
US-09-977-797A-98
; Sequence 98, Application US/09977797A
; Publication No. US20030044772A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
US-09-977-797A-98

Query Match 84.3%; Score 75; DB 10; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.9e-05;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 NIKQDGESEKYVDSVRG 17
Db 1 NIKQDGESEKYVDSVRG 17

RESULT 5
US-09-977-797A-110
; Sequence 110, Application US/09977797A
; Publication No. US20030044772A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
; APPLICANT: Wu, Herren
; TITLE OF INVENTION: Methods for Identifying Ligand Specific Binding Molecules
; FILE REFERENCE: AME-06905
; CURRENT APPLICATION NUMBER: US/09/977,797A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 09/129,026
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 08/905,825
; PRIOR FILING DATE: 1997-08-04
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 110
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-797A-110

Query Match 82.0%; Score 73; DB 10; Length 17;
Best Local Similarity 76.5%; Pred. No. 0.0001;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 NIKQDGESEKYVDSVRG 17
Db 1 NIKQDGESEKYVDSVRG 17

RESULT 6
US-10-338-366-16
; Sequence 16, Application US/10338366
; Publication No. US20040006215A1
; GENERAL INFORMATION:
; APPLICANT: Kaler, Tibor
; APPLICANT: Graziano, Robert
; APPLICANT: Trembl, John
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST CD30
; FILE REFERENCE: MKI-180
; CURRENT APPLICATION NUMBER: US/10/338,366
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: US 60/347649
; PRIOR FILING DATE: 2002-01-09
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; PRIOR APPLICATION NUMBER: US 60/404427  
; PRIOR FILING DATE: 2002-08-19  
; PRIOR APPLICATION NUMBER: US 60/431684  
; PRIOR FILING DATE: 2002-12-06  
; NUMBER OF SEQ ID NOS: 53  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 16  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-338-366-16

Query Match 78.7%; Score 70; DB 15; Length 17;  
Best Local Similarity 70.6%; Pred. No. 0.00031;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 NIKDGSSEKYYADSVRG 17  
||:|||||:|||||:  
Db 1 NINEDGSEKYYVDSVKG 17

## RESULT 7

US-10-703-714-38  
; Sequence 38, Application US/10703714  
; Publication No. US20040170630A1  
; GENERAL INFORMATION:  
; APPLICANT: Huang, Haichun  
; APPLICANT: Holmes, Steven  
; APPLICANT: Mason, Sean  
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE  
; FILE REFERENCE: MXI-294  
; CURRENT APPLICATION NUMBER: US/10/703,714  
; PRIOR FILING DATE: 2003-11-07  
; PRIOR APPLICATION NUMBER: 60/424803  
; PRIOR FILING DATE: 2002-11-07  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 38  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-703-714-38

Query Match 78.7%; Score 70; DB 16; Length 17;  
Best Local Similarity 76.5%; Pred. No. 0.00031;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 NIKDGSSEKYYADSVRG 17  
||:|||||:|||||:  
Db 1 SIYQDGSSEKYYVDSVKG 17

## RESULT 8

US-10-703-714-50  
; Sequence 50, Application US/10703714  
; Publication No. US20040170630A1  
; GENERAL INFORMATION:  
; APPLICANT: Huang, Haichun  
; APPLICANT: Holmes, Steven  
; APPLICANT: Mason, Sean  
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE  
; FILE REFERENCE: MXI-294  
; CURRENT APPLICATION NUMBER: US/10/703,714  
; PRIOR FILING DATE: 2003-11-07  
; PRIOR APPLICATION NUMBER: 60/424803  
; PRIOR FILING DATE: 2002-11-07  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 50  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-703-714-50

Query Match 78.7%; Score 70; DB 16; Length 17;  
Best Local Similarity 76.5%; Pred. No. 0.00031;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 NIKDGSSEKYYADSVRG 17  
||:|||||:|||||:  
Db 1 SIYQDGSSEKYYVDSVKG 17

## RESULT 9

US-09-972-656-48  
; Sequence 48, Application US/09972656  
; Publication No. US20030099647A1  
; GENERAL INFORMATION:  
; APPLICANT: Deshpande, Rajendra  
; APPLICANT: Tsai, Mei-Mei  
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma  
; TITLE OF INVENTION: Neutralizing Activity  
; FILE REFERENCE: A-799  
; CURRENT APPLICATION NUMBER: US/09/972,656  
; CURRENT FILING DATE: 2001-10-05  
; NUMBER OF SEQ ID NOS: 135  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 48  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-972-656-48

Query Match 71.9%; Score 54; DB 10; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.0028;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKDGSSEKYYADSVRG 17  
|:|||||:|||||:  
Db 2 ISYDGSNKKYYADSVKG 17

## RESULT 10

US-10-384-060-46  
; Sequence 46, Application US/10384060  
; Publication No. US20030226155A1  
; GENERAL INFORMATION:  
; APPLICANT: SADEGHI, Homayoun  
; APPLICANT: PRIOR, Christopher P.  
; APPLICANT: TURNER, Andrew  
; TITLE OF INVENTION: MODIFIED TRANSFERRIN ANTIBODY FUSION PROTEINS  
; FILE REFERENCE: 54710-5004-US  
; CURRENT APPLICATION NUMBER: US/10/384,060  
; CURRENT FILING DATE: 2003-03-10  
; PRIOR APPLICATION NUMBER: US 10/231,494  
; PRIOR FILING DATE: 2002-08-30  
; PRIOR APPLICATION NUMBER: US 60/334,059  
; PRIOR FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: US 60/315,745  
; PRIOR FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: US 60/406,977  
; PRIOR FILING DATE: 2002-08-30  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 46  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: 33 CDR2 sequence  
US-10-384-060-46

Query Match 71.9%; Score 54; DB 14; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.0028;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 |||||  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 11

US-10-399-701-6  
 ; Sequence 6, Application US/10399701  
 ; Publication No. US20040022791A1

## GENERAL INFORMATION:

; APPLICANT: ASAT AG  
 ; TITLE OF INVENTION: Recombinant anti-GPIIb/IIIa-antibodies as agents for  
 ; FILE OF INVENTION: Inhibiting angiogenesis  
 ; FILE REFERENCE: 23600PWO DRAS  
 ; CURRENT APPLICATION NUMBER: US/10/399,701  
 ; CURRENT FILING DATE: 2003-04-21  
 ; PRIOR APPLICATION NUMBER: 100 57 443.2  
 ; PRIOR FILING DATE: 2000-11-20  
 ; NUMBER OF SEQ ID NOS: 12  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 6  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: CDR2-region of  
 ; OTHER INFORMATION: an optimized antibody against GPIIb/IIIa  
 US-10-399-701-6

Query Match 71.9%; Score 64; DB 15; Length 17;  
 Best Local Similarity 75.0%; Pred. No. 0.0028;  
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 |||||  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 12

US-10-396-578-21  
 ; Sequence 21, Application US/10396578  
 ; Publication No. US20040191260A1

## GENERAL INFORMATION:

; APPLICANT: Reiter, Yoram  
 ; TITLE OF INVENTION: COMPOSITIONS CAPABLE OF SPECIFICALLY BINDING PARTICULAR HUMAN  
 ; TITLE OF INVENTION: ANTIGEN PRESENTING MOLECULE/PATHOGEN-DERIVED ANTIGEN COMPLEXES  
 ; FILE REFERENCE: 25563  
 ; CURRENT APPLICATION NUMBER: US/10/396,578  
 ; CURRENT FILING DATE: 2003-03-26  
 ; NUMBER OF SEQ ID NOS: 97  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 21  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 ; OTHER INFORMATION: specifically binding HLA-A2/Tax11-19 complex.  
 US-10-396-578-21

Query Match 71.9%; Score 64; DB 17; Length 17;  
 Best Local Similarity 75.0%; Pred. No. 0.0028;  
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 |||||  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 13

US-10-396-578-39  
 ; Sequence 39, Application US/10396578  
 ; Publication No. US20040191260A1

## GENERAL INFORMATION:

; APPLICANT: Reiter, Yoram  
 ; TITLE OF INVENTION: COMPOSITIONS CAPABLE OF SPECIFICALLY BINDING PARTICULAR HUMAN  
 ; TITLE OF INVENTION: ANTIGEN PRESENTING MOLECULE/PATHOGEN-DERIVED ANTIGEN COMPLEXES  
 ; FILE REFERENCE: 25563  
 ; CURRENT APPLICATION NUMBER: US/10/396,578  
 ; CURRENT FILING DATE: 2003-03-26  
 ; NUMBER OF SEQ ID NOS: 97  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 39  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 ; OTHER INFORMATION: specifically binding HLA-A2/Tax11-19 complex.  
 US-10-396-578-39

Query Match 71.9%; Score 64; DB 17; Length 17;  
 Best Local Similarity 75.0%; Pred. No. 0.0028;  
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 |||||  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 14

US-10-396-578-51  
 ; Sequence 51, Application US/10396578  
 ; Publication No. US20040191260A1

## GENERAL INFORMATION:

; APPLICANT: Reiter, Yoram  
 ; TITLE OF INVENTION: COMPOSITIONS CAPABLE OF SPECIFICALLY BINDING PARTICULAR HUMAN  
 ; TITLE OF INVENTION: ANTIGEN PRESENTING MOLECULE/PATHOGEN-DERIVED ANTIGEN COMPLEXES  
 ; FILE REFERENCE: 25563  
 ; CURRENT APPLICATION NUMBER: US/10/396,578  
 ; CURRENT FILING DATE: 2003-03-26  
 ; NUMBER OF SEQ ID NOS: 97  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 51  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 ; OTHER INFORMATION: specifically binding HLA-A2/Tax11-19 complex.  
 US-10-396-578-51

Query Match 71.9%; Score 64; DB 17; Length 17;  
 Best Local Similarity 75.0%; Pred. No. 0.0028;  
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 |||||  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 15

US-10-396-578-81  
 ; Sequence 81, Application US/10396578  
 ; Publication No. US20040191260A1

## GENERAL INFORMATION:

; APPLICANT: Reiter, Yoram  
 ; TITLE OF INVENTION: COMPOSITIONS CAPABLE OF SPECIFICALLY BINDING PARTICULAR HUMAN

; TITLE OF INVENTION: ANTIGEN PRESENTING MOLECULE/PATHOGEN-DERIVED ANTIGEN COMPLEXES  
; TITLE OF INVENTION: AND USES THEREOF  
; FILE REFERENCE: 25563  
; CURRENT APPLICATION NUMBER: US/10/396,578  
; CURRENT FILING DATE: 2003-03-26  
; NUMBER OF SEQ ID NOS: 97  
; SOFTWARE: Patent version 3.2  
; SEQ ID NO 81  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Sequence of complementarity determining region of Fab  
; OTHER INFORMATION: specifically binding HLA-A2/Tax11-19 complex.  
US-10-396-578-81

Query Match 71.9%; Score 64; DB 17; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.0028;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 ISYDGSNKYYADSVKG 17

Search completed: December 18, 2004, 17:57:19  
Job time : 142 secs

**This Page Blank (uspto)**

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: December 18, 2004, 17:35:04 ; search time 37 seconds  
(without alignments)  
30.470 Million cell updates/sec

Title: US-09-610-118-62

Perfect score: 89  
Sequence: 1 NIKQDSEKYADSVRG 17

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 56318000 residues

Total number of hits satisfying chosen parameters: 169263

Minimum DB seq length: 0  
Maximum DB seq length: 17

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA:\*  
1: /cgn2\_6/prodata1/iaa/5A COMB.pbp:\*  
2: /cgn2\_6/prodata1/iaa/5B COMB.pbp:\*  
3: /cgn2\_6/prodata1/iaa/6A COMB.pbp:\*  
4: /cgn2\_6/prodata1/iaa/6B COMB.pbp:\*  
5: /cgn2\_6/prodata1/iaa/PCTUS COMB.pbp:\*  
6: /cgn2\_6/prodata1/iaa/backfiles1.pbp:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	65	73.0	17	4	US-09-383-667-11
2	64	71.9	17	4	US-09-383-667-16
3	64	71.9	17	4	US-09-383-667-18
4	64	71.9	17	4	US-09-424-840-36
5	64	71.9	17	4	US-09-424-840-77
6	64	71.9	17	4	US-09-424-840-84
7	64	71.9	17	4	US-09-424-840-95
8	64	71.9	17	4	US-09-424-840-97
9	64	71.9	17	4	US-09-424-840-108
10	64	71.9	17	4	US-09-424-840-111
11	64	71.9	17	4	US-09-424-840-113
12	61	68.5	17	4	US-09-560-198A-12
13	59	66.3	17	4	US-09-383-667-20
14	56	62.9	17	4	US-09-383-667-22
15	52	58.4	17	4	US-08-030-175-17
16	50	56.2	17	1	US-08-264-093-22
17	50	56.2	17	4	US-09-424-840-72
18	50	56.2	17	4	US-09-424-840-88
19	49	55.1	17	4	US-09-192-854-139
20	48	53.9	17	2	US-08-650-262-14
21	47	52.8	17	4	US-09-192-854-10
22	47	52.8	17	4	US-09-424-840-107
23	46	51.7	17	4	US-09-192-854-29
24	45	50.6	17	4	US-09-192-854-124
25	44	49.4	16	1	US-08-208-885C-81
26	44	49.4	16	1	US-08-704-744-83
27	44	49.4	16	1	US-08-469-557-62

28 44 49.4 16 2 US-08-290-793B-62 Sequence 62, Appl  
29 44 49.4 17 4 US-09-192-854-37 Sequence 37, Appl  
30 44 49.4 17 4 US-09-192-854-93 Sequence 93, Appl  
31 43 48.3 17 1 US-07-988-325-2 Sequence 2, Appl  
32 43 48.3 17 2 US-08-362-780-2 Sequence 2, Appl  
33 43 48.3 17 4 US-09-497-997C-32 Sequence 32, Appl  
34 43 48.3 17 4 US-09-192-854-64 Sequence 64, Appl  
35 43 48.3 17 4 US-08-478-684G-2 Sequence 2, Appl  
36 42 47.2 17 4 US-09-192-854-115 Sequence 115, Appl  
37 42 47.2 17 4 US-09-424-840-76 Sequence 76, Appl  
38 41 46.1 17 4 US-09-497-997C-31 Sequence 31, Appl  
39 40 44.9 17 1 US-08-053-171-31 Sequence 31, Appl  
40 40 44.9 17 4 US-09-192-854-68 Sequence 68, Appl  
41 39 43.8 16 1 US-08-208-886C-84 Sequence 84, Appl  
42 39 43.8 16 1 US-08-704-744-86 Sequence 86, Appl  
43 39 43.8 16 1 US-08-469-557-65 Sequence 65, Appl  
44 39 43.8 16 2 US-08-290-793B-65 Sequence 65, Appl  
45 39 43.8 17 1 US-08-285-936-54 Sequence 54, Appl

ALIGNMENTS

RESULT 1  
US-09-383-667-11  
; Sequence 11, Application US/09383667  
; Patent No. 6624295  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camelia W.  
; APPLICANT: Devaux, Brigitte  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Hass, Philip E.  
; APPLICANT: Judice, J. Kevin  
; APPLICANT: Kirchofer, Daniel  
; APPLICANT: Suggett, Shelley  
; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies  
; FILE REFERENCE: P1661R2  
; CURRENT APPLICATION NUMBER: US/09/383.667  
; CURRENT FILING DATE: 1999-08-26  
; EARLIER APPLICATION NUMBER: US 60/098,233  
; EARLIER FILING DATE: 1998-08-28  
; EARLIER APPLICATION NUMBER: US 60/122,767  
; EARLIER FILING DATE: 1999-03-03  
; NUMBER OF SEQ ID NOS: 32  
; SEQ ID NO 11  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-383-667-11  
Query Match 73.0%; Score 65; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e-05;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;  
QY 2 IKQDSEKYADSVRG 17  
Db 2 ISYDSEKYADSVRG 17  
| ||||| |||||  
US-09-383-667-16  
; Sequence 16, Application US/09383667  
; Patent No. 6624295  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camelia W.  
; APPLICANT: Devaux, Brigitte  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Hass, Philip E.  
; APPLICANT: Judice, J. Kevin  
; APPLICANT: Kirchofer, Daniel  
; APPLICANT: Suggett, Shelley  
; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies  
; FILE REFERENCE: P1661R2

; CURRENT APPLICATION NUMBER: US/09/383,667  
 ; EARLIER FILING DATE: 1999-08-26  
 ; EARLIER APPLICATION NUMBER: US 60/098,233  
 ; EARLIER FILING DATE: 1998-08-28  
 ; EARLIER APPLICATION NUMBER: US 60/122,767  
 ; EARLIER FILING DATE: 1999-03-03  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SEQ ID NO 16  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-383-667-16

Query Match 71.9%; Score 64; DB 4; Length 17;  
 Best Local Similarity 75.0%; Pred. No. 0.00014;  
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 3

US-09-383-667-18  
 ; Sequence 18, Application US/09383667  
 ; Patent No. 6624295  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Adams, Camelia W.  
 ; APPLICANT: Devaux, Brigitte  
 ; APPLICANT: Eaton, Dan J.  
 ; APPLICANT: Hass, Philip E.  
 ; APPLICANT: Judice, J. Kevin  
 ; APPLICANT: Kirchhofer, Daniel  
 ; APPLICANT: Suggett, Shelley  
 ; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies  
 ; FILE REFERENCE: P1661R2  
 ; CURRENT APPLICATION NUMBER: US/09/383,667  
 ; CURRENT FILING DATE: 1999-08-26  
 ; EARLIER APPLICATION NUMBER: US 60/098,233  
 ; EARLIER FILING DATE: 1998-08-28  
 ; EARLIER APPLICATION NUMBER: US 60/122,767  
 ; EARLIER FILING DATE: 1999-03-03  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SEQ ID NO 18  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-383-667-18

Query Match 71.9%; Score 64; DB 4; Length 17;  
 Best Local Similarity 75.0%; Pred. No. 0.00014;  
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 4

US-09-424-840-36  
 ; Sequence 36, Application US/09424840  
 ; Patent No. 6790938  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BERCHTOLD, Peter  
 ; APPLICANT: ESCHER, Robert F.A.  
 ; TITLE OF INVENTION: Anti-GPIIb/IIIa Recombinant Antibodies  
 ; FILE REFERENCE: 100564-09049  
 ; CURRENT APPLICATION NUMBER: US/09/424,840  
 ; CURRENT FILING DATE: 1999-12-03  
 ; EARLIER APPLICATION NUMBER: DE 19723904.8  
 ; PRIOR FILING DATE: 1999-06-06  
 ; PRIOR APPLICATION NUMBER: DE 19755227.7  
 ; PRIOR FILING DATE: 1997-12-12

; PRIOR APPLICATION NUMBER: DE 19820663.1  
 ; PRIOR FILING DATE: 1998-05-08  
 ; NUMBER OF SEQ ID NOS: 127  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 36  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-424-840-36

Query Match 71.9%; Score 64; DB 4; Length 17;  
 Best Local Similarity 75.0%; Pred. No. 0.00014;  
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 5

US-09-424-840-77  
 ; Sequence 77, Application US/09424840  
 ; Patent No. 6790938  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BERCHTOLD, Peter  
 ; APPLICANT: ESCHER, Robert F.A.  
 ; TITLE OF INVENTION: Anti-GPIIb/IIIa Recombinant Antibodies  
 ; FILE REFERENCE: 100564-09049  
 ; CURRENT APPLICATION NUMBER: US/09/424,840  
 ; CURRENT FILING DATE: 1999-12-03  
 ; PRIOR APPLICATION NUMBER: DE 19723904.8  
 ; PRIOR FILING DATE: 1997-06-06  
 ; PRIOR APPLICATION NUMBER: DE 19755227.7  
 ; PRIOR FILING DATE: 1997-12-12  
 ; PRIOR APPLICATION NUMBER: DE 19820663.1  
 ; PRIOR FILING DATE: 1998-05-08  
 ; NUMBER OF SEQ ID NOS: 127  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 77  
 ; LENGTH: 17  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-424-840-77

Query Match 71.9%; Score 64; DB 4; Length 17;  
 Best Local Similarity 75.0%; Pred. No. 0.00014;  
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
 DB 2 ISYDGSNKYYADSVKG 17

## RESULT 6

US-09-424-840-84  
 ; Sequence 84, Application US/09424840  
 ; Patent No. 6790938  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BERCHTOLD, Peter  
 ; APPLICANT: ESCHER, Robert F.A.  
 ; TITLE OF INVENTION: Anti-GPIIb/IIIa Recombinant Antibodies  
 ; FILE REFERENCE: 100564-09049  
 ; CURRENT APPLICATION NUMBER: US/09/424,840  
 ; CURRENT FILING DATE: 1999-12-03  
 ; PRIOR APPLICATION NUMBER: DE 19723904.8  
 ; PRIOR FILING DATE: 1997-06-06  
 ; PRIOR APPLICATION NUMBER: DE 19755227.7  
 ; PRIOR FILING DATE: 1997-12-12  
 ; PRIOR APPLICATION NUMBER: DE 19820663.1  
 ; PRIOR FILING DATE: 1998-05-08  
 ; NUMBER OF SEQ ID NOS: 127  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 84



Query Match 71.9%; Score 64; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.00014;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

US-09-424-840-84

QY 2 IKQDSEKYYADSVRG 17  
Db 2 ISYDGSNKYYADSVRG 17

RESULT 7  
US-09-424-840-95  
; Sequence 95, Application US/09424840  
; Patent No. 6790938  
; GENERAL INFORMATION:  
; APPLICANT: BERCHTOLD, Peter  
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies  
; FILE REFERENCE: 100564-09049  
; CURRENT APPLICATION NUMBER: US/09/424,840  
; PRIOR FILING DATE: 1999-12-03  
; PRIOR APPLICATION NUMBER: DE 19723904.8  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: DE 19755227.7  
; PRIOR FILING DATE: 1997-12-12  
; PRIOR APPLICATION NUMBER: DE 19820663.1  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 95  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-424-840-95

Query Match 71.9%; Score 64; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.00014;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKQDSEKYYADSVRG 17  
Db 2 ISYDGSNKYYADSVRG 17

RESULT 8  
US-09-424-840-97  
; Sequence 97, Application US/09424840  
; Patent No. 6790938  
; GENERAL INFORMATION:  
; APPLICANT: BERCHTOLD, Peter  
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies  
; FILE REFERENCE: 100564-09049  
; CURRENT APPLICATION NUMBER: US/09/424,840  
; PRIOR FILING DATE: 1999-12-03  
; PRIOR APPLICATION NUMBER: DE 19723904.8  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: DE 19755227.7  
; PRIOR FILING DATE: 1997-12-12  
; PRIOR APPLICATION NUMBER: DE 19820663.1  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 97  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-424-840-97

Query Match 71.9%; Score 64; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.00014;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKQDSEKYYADSVRG 17  
Db 2 ISYDGSNKYYADSVRG 17

RESULT 9  
US-09-424-840-108  
; Sequence 108, Application US/09424840  
; Patent No. 6790938  
; GENERAL INFORMATION:  
; APPLICANT: BERCHTOLD, Peter  
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies  
; FILE REFERENCE: 100564-09049  
; CURRENT APPLICATION NUMBER: US/09/424,840  
; PRIOR FILING DATE: 1999-12-03  
; PRIOR APPLICATION NUMBER: DE 19723904.8  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: DE 19755227.7  
; PRIOR FILING DATE: 1997-12-12  
; PRIOR APPLICATION NUMBER: DE 19820663.1  
; PRIOR FILING DATE: 1998-05-08  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 108  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-424-840-108

Query Match 71.9%; Score 64; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.00014;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKQDSEKYYADSVRG 17  
Db 2 ISYDGSNKYYADSVRG 17

RESULT 10  
US-09-424-840-111  
; Sequence 111, Application US/09424840  
; Patent No. 6790938  
; GENERAL INFORMATION:  
; APPLICANT: BERCHTOLD, Peter  
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies  
; FILE REFERENCE: 100564-09049  
; CURRENT APPLICATION NUMBER: US/09/424,840  
; PRIOR FILING DATE: 1999-12-03  
; PRIOR APPLICATION NUMBER: DE 19723904.8  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: DE 19755227.7  
; PRIOR FILING DATE: 1997-12-12  
; PRIOR APPLICATION NUMBER: DE 19820663.1  
; PRIOR FILING DATE: 1998-05-08  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 111  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-424-840-111

Query Match 71.9%; Score 64; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.00014;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKQDSEKYYADSVRG 17

Db 2 ISYDGSNKYYADSVRG 17

RESULT 11  
US-09-424-840-113  
; Sequence 113, Application US/09424840  
; Patent No. 6790938  
; GENERAL INFORMATION:  
; APPLICANT: BERTCHTOLD, Peter  
; APPLICANT: ESCHER, Robert F.A.  
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies  
; FILE REFERENCE: 100564-03049  
; CURRENT APPLICATION NUMBER: US/09/424,840  
; CURRENT FILING DATE: 1999-12-03  
; PRIOR APPLICATION NUMBER: DE 19723904.8  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: DE 19755227.7  
; PRIOR FILING DATE: 1997-12-12  
; PRIOR APPLICATION NUMBER: DE 19820663.1  
; PRIOR FILING DATE: 1998-05-08  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 113  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-424-840-113

Query Match 71.9%; Score 64; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.00014;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
Db 2 ISYDGSNKYYADSVRG 17

RESULT 12  
US-09-560-198A-12  
; Sequence 12, Application US/09560198A  
; Patent No. 6492497  
; GENERAL INFORMATION:  
; APPLICANT: Thompson, Julia E  
; APPLICANT: Lennard, Simon N  
; APPLICANT: Wilton, Alison J  
; APPLICANT: Braddock, Peta SH  
; APPLICANT: Du Fou, Sarah L  
; APPLICANT: McCafferty, John G  
; APPLICANT: Conroy, Louise A  
; APPLICANT: Tempest, Philip R  
; TITLE OF INVENTION: Specific binding members for TGFbeta1  
; FILE REFERENCE: 28111/35620A  
; CURRENT APPLICATION NUMBER: US/09/560,198A  
; CURRENT FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: US 60/131,983  
; PRIOR FILING DATE: 1999-04-30  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-560-198A-12

Query Match 68.5%; Score 61; DB 4; Length 17;  
Best Local Similarity 75.0%; Pred. No. 0.00046;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
Db 2 ISYDGSNKYYADSVRG 17

RESULT 13  
US-09-383-667-20  
; Sequence 20, Application US/09383667  
; Patent No. 6624295  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camellia W.  
; APPLICANT: Devaux, Brigitte  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Hass, Philip E.  
; APPLICANT: Judice, J. Kevin  
; APPLICANT: Kirchhofer, Daniel  
; APPLICANT: Suggett, Shelley  
; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies  
; FILE REFERENCE: P1661R2  
; CURRENT APPLICATION NUMBER: US/09/383,667  
; CURRENT FILING DATE: 1999-08-26  
; EARLIER APPLICATION NUMBER: US 60/098,233  
; EARLIER FILING DATE: 1998-08-28  
; EARLIER APPLICATION NUMBER: US 60/122,767  
; EARLIER FILING DATE: 1999-03-03  
; NUMBER OF SEQ ID NOS: 32  
; SEQ ID NO 20  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-383-667-20

Query Match 66.1%; Score 59; DB 4; Length 17;  
Best Local Similarity 73.3%; Pred. No. 0.001;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVR 16  
Db 2 ISYDGSNKYYADSVK 16

RESULT 14  
US-09-383-667-22  
; Sequence 22, Application US/09383667  
; Patent No. 6624295  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camellia W.  
; APPLICANT: Devaux, Brigitte  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Hass, Philip E.  
; APPLICANT: Judice, J. Kevin  
; APPLICANT: Kirchhofer, Daniel  
; APPLICANT: Suggett, Shelley  
; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies  
; FILE REFERENCE: P1661R2  
; CURRENT APPLICATION NUMBER: US/09/383,667  
; CURRENT FILING DATE: 1999-08-26  
; EARLIER APPLICATION NUMBER: US 60/098,233  
; EARLIER FILING DATE: 1998-08-28  
; EARLIER APPLICATION NUMBER: US 60/122,767  
; EARLIER FILING DATE: 1999-03-03  
; NUMBER OF SEQ ID NOS: 32  
; SEQ ID NO 22  
; LENGTH: 17  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-383-667-22

Query Match 62.9%; Score 56; DB 4; Length 17;  
Best Local Similarity 68.8%; Pred. No. 0.0034;  
Matches 11; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2 IKODGSEKYYADSVRG 17  
Db 2 ISHDGKKEYADSVRG 17

```

RESULT 15
US-08-030-175-17
; Sequence 17, Application US/08030175
; Patent No. 6767996
; GENERAL INFORMATION:
; APPLICANT: Gorman, Scott D.
; APPLICANT: Clark, Michael R.
; APPLICANT: Cobbold, Stephen P.
; APPLICANT: Waldmann, Herman
; TITLE OF INVENTION: ALTERED ANTIBODIES AND THEIR PREPARATION
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Pigg, Ernst & Kurz, P. C.
; STREET: 555 13TH ST., NW Suite 701 East
; CITY: Washington
; STATE: D. C.
; COUNTRY: U.S.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk, 5.25 inch, 360 Kb storage
; COMPUTER: IBM AT compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS V 3.2
; SOFTWARE: WordPerfect 5.0 (Dos Text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/030,175
; FILING DATE: 17-MAY-1993
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB91/01578
; FILING DATE: 13-SEP-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Ernst, Barbara G.
; REGISTRATION NUMBER: 30,377
; REFERENCE/DOCKET NUMBER: 1768-113
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)783-6040
; TELEFAX: (202)783-6031
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-030-175-17

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Query Match      58.4%; Score 52; DB 4; Length 17;
Best Local Similarity 56.2%; Pred. No. 0.017;
Matches 9; Conservative 3; Mismatches 4; Indels 0; Gaps 0;
QY      2 IKDGSSEKYVDSVRG 17
Db      2 ISHDGSDTYFRDSVRG 17

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Search completed: December 18, 2004, 17:46:57
Job time : 38 secs

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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

# OM protein - protein search, using sw model

Run on: December 18, 2004, 16:16:45 ; Search time 15.4243 Seconds  
(without alignments)  
324.792 Million cell updates/sec

Title: US-09-610-118-63

Perfect score: 80  
Sequence: 1 DKWEAVITPGAFDV 14

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 1589859

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA:  
1: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*  
8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/2/pubpaa/US08A\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/2/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/2/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/2/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/2/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/2/pubpaa/US10D\_PUBCOMB.pep.\*  
17: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	80	100.0	14	9 US-09-832-312-63	Sequence 63, Appl
2	80	100.0	14	11 US-09-829-495-63	Sequence 63, Appl
3	47	58.8	323	9 US-09-972-912-3	Sequence 3, Appl
4	47	58.8	324	14 US-10-344-440-3	Sequence 3, Appl
5	47	58.8	325	9 US-09-804-357-10	Sequence 10, Appl
6	47	58.8	325	9 US-09-739-451-5	Sequence 5, Appl
7	47	58.8	325	9 US-09-804-006-10	Sequence 10, Appl
8	47	58.8	325	10 US-09-284-320-90	Sequence 90, Appl
9	47	58.8	325	14 US-10-459-311-5	Sequence 5, Appl
10	46	57.5	383	16 US-10-474-776-411	Sequence 411, Appl
11	44	55.0	473	15 US-10-424-599-227005	Sequence 227005
12	44	55.0	867	14 US-10-287-274-357	Sequence 357, App
13	44	55.0	867	15 US-10-282-122A-42647	Sequence 42647, A

14	43	53.8	213	15	US-10-425-114-41064	Sequence 41064, A
15	43	53.8	213	15	US-10-425-114-64240	Sequence 64240, A
16	43	53.8	217	17	US-10-425-115-202628	Sequence 202628, A
17	43	53.8	333	14	US-10-369-493-18135	Sequence 18135, A
18	43	53.8	866	15	US-10-282-122A-43305	Sequence 43305, A
19	42	52.5	104	15	US-10-424-599-247362	Sequence 247362, A
20	42	52.5	359	17	US-10-425-115-316618	Sequence 316618, A
21	42	52.5	847	15	US-10-282-122A-59134	Sequence 59134, A
22	42	52.5	1219	16	US-10-437-963-175934	Sequence 175934, A
23	42	52.5	1294	16	US-10-437-963-183026	Sequence 183026, A
24	41	51.2	162	15	US-10-424-599-271679	Sequence 271679, A
25	41	51.2	172	14	US-10-091-007-82	Sequence 82, Appl
26	41	51.2	181	15	US-10-282-122A-70127	Sequence 70127, A
27	41	51.2	323	15	US-10-282-122A-74270	Sequence 74270, A
28	41	51.2	420	17	US-10-804-096A-2	Sequence 2, Appl
29	41	51.2	426	15	US-10-424-599-271677	Sequence 271677, A
30	41	51.2	829	15	US-10-282-122A-73513	Sequence 73513, A
31	40	50.0	50	16	US-10-437-963-173839	Sequence 173839, A
32	40	50.0	97	15	US-10-424-599-223520	Sequence 223520, A
33	40	50.0	170	16	US-10-767-701-39777	Sequence 39777, A
34	40	50.0	180	9	US-09-847-519A-17	Sequence 17, Appl
35	40	50.0	206	15	US-10-424-599-219923	Sequence 219923, A
36	40	50.0	220	9	US-09-847-519A-2	Sequence 2, Appl
37	40	50.0	220	15	US-10-168-506-17	Sequence 17, Appl
38	40	50.0	220	15	US-10-444-795B-787	Sequence 787, App
39	40	50.0	220	15	US-10-470-992-5	Sequence 5, Appl
40	40	50.0	263	15	US-10-470-992-2	Sequence 2, Appl
41	40	50.0	267	16	US-10-437-963-201565	Sequence 201565, A
42	40	50.0	360	15	US-10-282-122A-53708	Sequence 53708, A
43	40	50.0	370	15	US-10-072-012-625	Sequence 625, App
44	40	50.0	370	15	US-10-072-012-674	Sequence 674, App
45	40	50.0	417	16	US-10-437-963-189963	Sequence 189963, A

## ALIGNMENTS

RESULT 1  
US-09-832-312-63  
; Sequence 63, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 63  
; LENGTH: 14  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-63

Query Match 100.0%; Score 80; DB 9; Length 14;  
Best Local Similarity 100.0%; Pred. No. 4.9e+06;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DKWEAVITPGAFDV 14  
| | | | | | | | | | | | | |  
Db 1 DKWEAVITPGAFDV 14

RESULT 2

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US-09-829-495-63
; Sequence 63, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Vallejo J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Olan MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 63
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-63

Query Match      100.0%; Score 80; DB 11; Length 14;
Best Local Similarity 100.0%; Pred. No. 4, 9e-06;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DKWEAYITPGADV 14
      |||||
DB      1 DKWEAYITPGADV 14

RESULT 3
US-09-972-912-3
; Sequence 3, Application US/09972912
; Patent No. US20020110867A1
; GENERAL INFORMATION:
; APPLICANT: SORPET, DANIEL R.
; APPLICANT: RUBEN, STEVEN M.
; TITLE OF INVENTION: CARDIAC AND PANCREATIC PROTEIN AND GENE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSER: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: US
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/972,912
; FILING DATE: 10-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/049,022
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: STEFFE, ERIC K.
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1488.0620001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600

```

```

; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 323 amino acids
; TYPE: amino acid
; STRANDEDNESS: No. US20020110867A1 Relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-972-912-3

Query Match      58.8%; Score 47; DB 9; Length 323;
Best Local Similarity 58.3%; Pred. No. 23;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      1 DKWEAYITPGAF 12
      |||||
DB      228 DRWPPVVTAGAF 239

RESULT 4
US-10-344-440-3
; Sequence 3, Application US/10344440
; Publication No. US20030131378A1
; GENERAL INFORMATION:
; APPLICANT: Arcioian, Raffi
; TITLE OF INVENTION: METHODS FOR BLOCKING RESISTANCE TO BT TOXINS IN INSECTS AND NEMATODES
; FILE REFERENCE: 5627-PA1023
; CURRENT APPLICATION NUMBER: US/10/344,440
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/224,941
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: PCT/US01/41687
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 3
; LENGTH: 324
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-344-440-3

Query Match      58.8%; Score 47; DB 14; Length 324;
Best Local Similarity 58.3%; Pred. No. 23;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      1 DKWEAYITPGAF 12
      |||||
DB      229 DRWPPVVTAGAF 240

RESULT 5
US-09-804-357-10
; Sequence 10, Application US/09804357
; Patent No. US20010024808A1
; GENERAL INFORMATION:
; APPLICANT: White, David
; APPLICANT: Zhou, Jianghong
; APPLICANT: Tartaglia, Louis A.
; TITLE OF INVENTION: LEPTIN INDUCED GENES
; FILE REFERENCE: 07334/109001
; CURRENT APPLICATION NUMBER: US/09/804,357
; CURRENT FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 09/195,896
; PRIOR FILING DATE: 1998-11-19
; PRIOR APPLICATION NUMBER: US 60/108,379
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: US 09/150,857
; PRIOR FILING DATE: 1998-09-10
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 325

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Query Match 58.8%; Score 47; DB 9; Length 325;  
 Best Local Similarity 58.3%; Pred. No. 23;  
 Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAF 12  
 DB 229 DRPPVITAGAF 240

## RESULT 6

US-09-739-451-5  
 ; Sequence 5, Application US/09739451  
 ; Patent No. US20010024813A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ebner, Reinhard  
 ; TITLE OF INVENTION: Dendriac and Brainiac-3  
 ; FILE REFERENCE: PP464  
 ; CURRENT APPLICATION NUMBER: US/09/739,451  
 ; CURRENT FILING DATE: 2000-12-19  
 ; PRIOR APPLICATION NUMBER: 09/213,364  
 ; PRIOR FILING DATE: 1998-12-17  
 ; PRIOR APPLICATION NUMBER: 60/077,687  
 ; PRIOR FILING DATE: 1998-03-12  
 ; PRIOR APPLICATION NUMBER: 60/108,928  
 ; PRIOR FILING DATE: 1998-11-17  
 ; NUMBER OF SEQ ID NOS: 16  
 ; SOFTWARE: Patentin Ver. 2.0  
 ; SEQ ID NO 5  
 ; LENGTH: 325  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-739-451-5

Query Match 58.8%; Score 47; DB 9; Length 325;  
 Best Local Similarity 58.3%; Pred. No. 23;  
 Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAF 12  
 DB 229 DRPPVITAGAF 240

## RESULT 7

US-09-804-006-10  
 ; Sequence 10, Application US/09804006  
 ; Patent No. US20020119517A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: White, David  
 ; APPLICANT: Zhou, Jianghong  
 ; APPLICANT: Tartaglia, Louis A.  
 ; TITLE OF INVENTION: LEPTIN INDUCED GENES  
 ; FILE REFERENCE: 07334/126001  
 ; CURRENT APPLICATION NUMBER: US/09/804,006  
 ; CURRENT FILING DATE: 2001-03-12  
 ; PRIOR APPLICATION NUMBER: US 09/292,228  
 ; PRIOR FILING DATE: 1999-04-15  
 ; PRIOR APPLICATION NUMBER: US 60/108,379  
 ; PRIOR FILING DATE: 1998-10-29  
 ; PRIOR APPLICATION NUMBER: US 09/150,857  
 ; PRIOR FILING DATE: 1998-09-10  
 ; NUMBER OF SEQ ID NOS: 17  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 10  
 ; LENGTH: 325  
 ; TYPE: PRT  
 ; ORGANISM: Drosophila melanogaster  
 US-09-804-006-10

Query Match 58.8%; Score 47; DB 9; Length 325;

Best Local Similarity 58.3%; Pred. No. 23;  
 Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAF 12  
 DB 229 DRPPVITAGAF 240

## RESULT 8

US-09-284-320-90  
 ; Sequence 90, Application US/09284320  
 ; Publication No. US20030092175A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kato, Seishi et al.  
 ; TITLE OF INVENTION: HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND DNAs  
 ; FILE REFERENCE: GIN-6705CPUS  
 ; CURRENT APPLICATION NUMBER: US/09/284,320  
 ; CURRENT FILING DATE: 1999-06-21  
 ; PRIOR APPLICATION NUMBER: JP 8-301429  
 ; PRIOR FILING DATE: 1996-11-13  
 ; PRIOR APPLICATION NUMBER: PCT/JP97/04056  
 ; PRIOR FILING DATE: 1997-11-07  
 ; NUMBER OF SEQ ID NOS: 91  
 ; SOFTWARE: Patentin Ver. 2.0  
 ; SEQ ID NO 90  
 ; LENGTH: 325  
 ; TYPE: PRT  
 ; ORGANISM: Drosophila sp.  
 US-09-284-320-90

Query Match 58.8%; Score 47; DB 10; Length 325;  
 Best Local Similarity 58.3%; Pred. No. 23;  
 Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAF 12  
 DB 229 DRPPVITAGAF 240

## RESULT 9

US-10-459-311-5  
 ; Sequence 5, Application US/10459311  
 ; Publication No. US2003020396A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hillman, Jennifer L.  
 ; Guegler, Karl J.  
 ; Corley, Neil C.  
 ; Shah, Purvi  
 ; Patterson, Chandra  
 ; TITLE OF INVENTION: HUMAN OXIDIZED LDL RECEPTOR  
 ; NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
 ; STREET: 3174 Porter Drive  
 ; CITY: Palo Alto  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94304  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: DOS  
 ; SOFTWARE: FastSeq for Windows Version 2.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/10/459,311  
 ; FILING DATE: 10-Jun-2003  
 ; CLASSIFICATION: <Unknown>  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/373,902  
 ; FILING DATE: 12-Aug-1999  
 ; APPLICATION NUMBER: US/09/055,097  
 ; FILING DATE: <Unknown>

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; ATTORNEY/AGENT INFORMATION:
; NAME: Carrone, Michael C.
; REGISTRATION NUMBER: 39,132
; REFERENCE/DOCKET NUMBER: PF-0490 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 325 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1150971
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-459-311-5

Query Match          58.8%; Score 47; DB 14; Length 325;
Best Local Similarity 58.3%; Pred. No. 23;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAF 12
| | | | |
DB 229 DRWPPYVTAGAF 240

RESULT 10
US-10-474-776-411
; Sequence 411, Application US/10474776
; Publication No. US20040110181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: NOVEL STREPTOCOCCUS PNEUMONIAE OPEN READING FRAMES ENCODING POLYH
; FILE REFERENCE: AM100649-PCT
; CURRENT APPLICATION NUMBER: US/10/474,776
; CURRENT FILING DATE: 2003-10-14
; NUMBER OF SEQ ID NOS: 752
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 411
; LENGTH: 363
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-10-474-776-411

Query Match          57.5%; Score 46; DB 16; Length 383;
Best Local Similarity 72.7%; Pred. No. 40;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 4 EAYITPGADV 14
| | | | |
DB 199 EALVITPGADV 209

RESULT 11
US-10-424-599-227005
; Sequence 227005, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 227005
; LENGTH: 473

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; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(473)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_47015C.1.pep
US-10-424-599-227005

Query Match          55.0%; Score 44; DB 15; Length 473;
Best Local Similarity 53.8%; Pred. No. 1e+02;
Matches 7; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAF 13
| | | | |
DB 299 DKWAAVAGPGMN 311

RESULT 12
US-10-287-274-357
; Sequence 357, Application US/10287274
; Publication No. US20030181408A1
; GENERAL INFORMATION:
; APPLICANT: Forsyth, R. Allyn
; APPLICANT: Olesen, Kari
; APPLICANT: Zyskind, Judith
; TITLE OF INVENTION: GENES ESSENTIAL FOR MICROBIAL PROLIFERATION AND ANTISENSE THERETO
; FILE REFERENCE: ELITRA.009DV1
; CURRENT APPLICATION NUMBER: US/10/287,274
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 60/164415
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: US 09/711164
; PRIOR FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 469
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 357
; LENGTH: 867
; TYPE: PRT
; ORGANISM: Escherichia coli
US-10-287-274-357

Query Match          55.0%; Score 44; DB 14; Length 867;
Best Local Similarity 41.7%; Pred. No. 1.8e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 3 WEAYITPGADV 14
| | | | |
DB 309 QSYVSPGAFEI 320

RESULT 13
US-10-282-122A-42647
; Sequence 42647, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Olesen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20

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## RESULT 15

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Result No.	Score	Query		Length	DB	ID	Description
		Match	%				
1	47	58.8	325	2	US-09-055-097-5		Sequence 5, Appli
2	47	58.8	325	4	US-09-373-902-5		Sequence 5, Appli
3	46	57.5	333	4	US-09-583-110-4287		Sequence 4287, Ap
4	44	55.0	857	4	US-09-711-164-357		Sequence 357, App
5	42	52.5	838	4	US-09-488-039A-9864		Sequence 9864, App
6	42	52.5	869	4	US-09-488-039A-8561		Sequence 8561, Ap
7	41	51.2	363	1	US-08-488-961-4		Sequence 4, Appli
8	41	51.2	363	3	US-08-973-297-4		Sequence 4, Appli
9	41	51.2	363	4	US-09-633-957-4		Sequence 4, Appli
10	41	51.2	363	5	PCF-US96-06511-4		Sequence 4, Appli
11	41	51.2	411	3	US-09-070-356-6		Sequence 6, Appli
12	41	51.2	420	3	US-08-113-890-2		Sequence 2, Appli
13	41	51.2	507	4	US-09-248-796A-18358		Sequence 18358, A
14	41	51.2	810	4	US-09-328-352-7181		Sequence 7181, Ap
15	40	50.0	117	1	US-07-942-245-32		Sequence 32, Appl
16	40	50.0	117	1	US-07-942-245-36		Sequence 36, Appl
17	40	50.0	117	1	US-07-942-245-38		Sequence 38, Appl
18	40	50.0	221	4	US-09-976-594-664		Sequence 664, App
19	39	48.8	310	4	US-09-253-91A-25177		Sequence 25177, A
20	39	48.8	325	4	US-09-248-796A-18393		Sequence 18393, A
21	39	48.8	546	4	US-09-252-91A-31873		Sequence 31873, A
22	39	48.8	586	1	US-08-563-366-1		Sequence 11, Appl
23	39	48.8	855	4	US-09-543-681A-7287		Sequence 7287, Ap
24	39	48.8	1045	1	US-08-452-083-2		Sequence 2, Appli
25	38	47.5	114	3	US-09-344-587-10		Sequence 10, Appl
26	38	47.5	117	2	US-08-820-058-2		Sequence 2, Appli
27	38	47.5	117	3	US-08-479-285-2		Sequence 2, Appli

Best Local Similarity 58.3%; Pred. No. 6.1; Indels 3; Gaps 0;  
Matches 7; Conservative 2; Mismatches

QY 1 DKWEAYITPGAF 12  
Db 229 DRWPPVVTAGAF 240

## RESULT 2

US-09-373-902-5  
; Sequence 5, Application US/09373902  
; Patent No. 6649737  
; GENERAL INFORMATION:  
; APPLICANT: Hillman, Jennifer L.  
; Guegler, Karl J.  
; Corley, Neil C.  
; Shan, Fuvvi  
; Patterson, Chandra

; TITLE OF INVENTION: HUMAN OXIDIZED LDL RECEPTOR  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
; STREET: 3174 Porter Drive  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94304

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/373,902  
; FILING DATE: 12-Aug-1999  
; CLASSIFICATION: <unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/055,097  
; FILING DATE: <unknown>

ATTORNEY/AGENT INFORMATION:  
; NAME: Carrone, Michael C.  
; REGISTRATION NUMBER: 39,132  
; REFERENCE/DOCKET NUMBER: PF-0490 US  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (650) 855-0555  
; TELEFAX: (650) 845-4166

## INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:  
; LENGTH: 325 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
IMMEDIATE SOURCE:  
; LIBRARY: GenBank  
; CLONE: 1150971

US-09-373-902-5  
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Query Match 58.8%; Score 47; DB 4; Length 325;  
Best Local Similarity 58.3%; Pred. No. 6.1; Indels 3; Gaps 0;  
Matches 7; Conservative 2; Mismatches

QY 1 DKWEAYITPGAF 12  
Db 229 DRWPPVVTAGAF 240

## RESULT 3

US-09-583-110-4287  
; Sequence 4287, Application US/09583110  
; Patent No. 6699703  
; GENERAL INFORMATION:  
; APPLICANT: Lynn Doucette-Stamm et al.

; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus  
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics  
; FILE REFERENCE: PATH00-07A  
; CURRENT APPLICATION NUMBER: US/09/583,110  
; CURRENT FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/107,433  
; PRIOR FILING DATE: 1998-06-30  
; PRIOR APPLICATION NUMBER: US 60/085,131  
; PRIOR FILING DATE: 1998-05-12  
; PRIOR APPLICATION NUMBER: US 60/051,553  
; PRIOR FILING DATE: 1997-07-02  
; NUMBER OF SEQ ID NOS: 5322  
; SEQ ID NO 4287  
; LENGTH: 383  
; TYPE: PRT  
; ORGANISM: Streptococcus pneumoniae  
US-09-583-110-4287

Query Match 57.5%; Score 46; DB 4; Length 383;  
Best Local Similarity 72.7%; Pred. No. 10; Indels 1; Gaps 0;  
Matches 8; Conservative 2; Mismatches

QY 4 EAVITPGADV 14  
Db 199 EALVTPGADV 209

## RESULT 4

US-09-711-164-357  
; Sequence 357, Application US/09711164  
; Patent No. 6589738  
; GENERAL INFORMATION:  
; APPLICANT: Forsyth, R. Allyn  
; APPLICANT: Orlsen, Kari  
; APPLICANT: Zyskind, Judith

; TITLE OF INVENTION: GENES ESSENTIAL FOR MICROBIAL PROLIFERATION AND ANTISENSE THERETC  
; FILE REFERENCE: ELITRA.008A  
; CURRENT APPLICATION NUMBER: US/09/711,164  
; CURRENT FILING DATE: 2000-11-09  
; PRIOR APPLICATION NUMBER: US 60/164415  
; PRIOR FILING DATE: 1999-11-9  
; NUMBER OF SEQ ID NOS: 469  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 357  
; LENGTH: 867  
; TYPE: PRT  
; ORGANISM: Escherichia coli  
US-09-711-164-357

Query Match 55.0%; Score 44; DB 4; Length 867;  
Best Local Similarity 41.7%; Pred. No. 51; Indels 0; Gaps 0;  
Matches 5; Conservative 7; Mismatches

QY 3 WEAYITPGADV 14  
Db 309 YQSYVSPGAFEI 320

## RESULT 5

US-09-489-039A-9864  
; Sequence 9864, Application US/09489039A  
; Patent No. 6610836  
; GENERAL INFORMATION:  
; APPLICANT: Gary Berton et. al

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLBESIELLA  
; FILE REFERENCE: 2709.2004001  
; CURRENT APPLICATION NUMBER: US/09/489,039A  
; CURRENT FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 9864

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/ LENGTH: 838
/ TYPE: PRT
/ ORGANISM: Klebsiella pneumoniae
US-09-489-039A-9864

Query Match          52.5%; Score 42; DB 4; Length 838;
Best Local Similarity 50.0%; Pred. No. 1e-02; 1; Indels 0; Gaps 0;
Matches 6; Conservative

QY 3 WEAYITPGAF 12
Db 304 QYTVVPGAF 313

RESULT 6
US-09-489-039A-8561
; Sequence 8561, Application US/0949039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709 2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 8561
; LENGTH: 869
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-8561

Query Match          52.5%; Score 42; DB 4; Length 869;
Best Local Similarity 41.7%; Pred. No. 1.1e-02; 5; Mismatches 2; Indels 0; Gaps 0;
Matches 5; Conservative

QY 3 WEAYITPGAFDV 14
Db 333 QYTVVPGAFEI 344

RESULT 7
US-08-488-961-4
; Sequence 4, Application US/08488961
; Patent No. 5606042
; GENERAL INFORMATION:
; APPLICANT: Smith, Daniel S.
; APPLICANT: Walker, John C.
; TITLE OF INVENTION: Glycine and Phaseolus
; TITLE OF INVENTION: alpha-D-Galactosidases
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reising, Ethington, Barnard & Perry
; STREET: P.O. Box 4390
; CITY: Troy
; STATE: Michigan
; COUNTRY: US
; ZIP: 48099-4390
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,961
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: P-320 (UMc)

/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (810) 689-3500
/ TELEFAX: (810) 689-4071
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 363 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-488-961-4

Query Match          51.2%; Score 41; DB 1; Length 363;
Best Local Similarity 46.2%; Pred. No. 64;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAFD 13
Db 201 DKWASYAGPGGWN 213

RESULT 8
US-08-973-297-4
; Sequence 4, Application US/08973297
; Patent No. 6184017
; GENERAL INFORMATION:
; APPLICANT: Smith, Daniel S.
; APPLICANT: Walker, John C.
; TITLE OF INVENTION: Glycine and Phaseolus
; TITLE OF INVENTION: alpha-D-Galactosidases
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 6184017thwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,297
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 0994.00050
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 363 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-973-297-4

Query Match          51.2%; Score 41; DB 3; Length 363;
Best Local Similarity 46.2%; Pred. No. 64;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAFD 13
Db 201 DKWASYAGPGGWN 213

RESULT 9
US-09-632-957-4
; Sequence 4, Application US/09632957
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```

; Patent No. 6630339
; GENERAL INFORMATION:
; APPLICANT: Smith, Daniel S.
; TITLE OF INVENTION: Glycine and Phaseolus
; alpha-D-Galactosidases
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 6630339thwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/632,957
; APPLICATION NUMBER: US/09/632,957
; FILING DATE: 04-Aug-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 0994.00050
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 363 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-632-957-4

```

```

Query Match 51.2%; Score 41; DB 4; Length 363;
Best Local Similarity 46.2%; Pred. NO. 64;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

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Qy 1 DKWEAYITPCAFD 13
||| : ||| :
Db 201 DKWASYAGPGWN 213

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RESULT 10
PCT-US96-06511-4
; Sequence 4, Application PC/TUS9606511
; GENERAL INFORMATION:
; APPLICANT: Smith, Daniel S.
; APPLICANT: Walker, John C.
; TITLE OF INVENTION: Glycine and Phaseolus
; alpha-D-Galactosidases
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 Northwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06511
; FILING DATE:
; CLASSIFICATION:

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 0994.00050
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 363 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US96-06511-4

```

```

Query Match 51.2%; Score 41; DB 5; Length 363;
Best Local Similarity 46.2%; Pred. NO. 64;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

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Qy 1 DKWEAYITPCAFD 13
||| : ||| :
Db 201 DKWASYAGPGWN 213

```

```

RESULT 11
US-09-070-356-6
; Sequence 6, Application US/09070356
; Patent No. 6228631
; GENERAL INFORMATION:
; APPLICANT: Alex Zhu
; TITLE OF INVENTION: Recombinant a-N-
; Acetylgalactosaminidase
; TITLE OF INVENTION: Enzyme and cDNA Encoding
; TITLE OF INVENTION: Said Enzyme
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amster, Rothstein & Ebenstein
; STREET: 90 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Word Processor (ASCII)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/070,356
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/037,248
; FILING DATE: March 25, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Pasqualini, Patricia A.
; REGISTRATION NUMBER: 34,894
; REFERENCE/DOCKET NUMBER: 63475/12
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 697-5995
; TELEFAX: (212) 286-0854 or 286-0082
; TELEX: TWX 710-581-4766
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 411
; TYPE: amino acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: cDNA to mRNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes

```

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; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM: guar plant Cyamopsis tetragonoloba
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:
; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; ORGANELLE:
; IMMEDIATE SOURCE: library
; POSITION IN GENOME: unknown
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; UNITS:
; FEATURE:
; NAME/KEY: guar a-galactosidase
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
; PUBLICATION INFORMATION:
; AUTHORS: Overbeek et al
; TITLE: Cloning and Nucleotide Sequence of
; Patent No. 6228631
; TITLE: the a-Galactosidase cDNA From
; TITLE: Cyamopsis tetragonoloba (guar)
; JOURNAL: Plant Molecular Biology
; VOLUME: 13
; PAGES: 541-550
; DATE: 1989
; DOCUMENT NUMBER:
; FILING DATE:
; PUBLICATION DATE:
; RELEVANT RESIDUES IN SEQ ID NO:
; US-09-070-356-6

Query Match 51.2%; Score 41; DB 3; Length 411;
Best Local Similarity 46.2%; Pred. No. 73;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 DKWEAVITPGAFD 13
Db 248 DKWASYAGFGGN 260

RESULT 12
US-08-113-890-2
; Sequence 2, Application US/08113890
; Patent No. 6329191
; GENERAL INFORMATION:
; APPLICANT: IIV, JOHN M.
; APPLICANT: CLEMENTS, DAVID E.
; TITLE OF INVENTION: RECOMBINANT COFFEE BEAN
; TITLE OF INVENTION: ALPHA-GALACTOSIDASE
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W.
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20006-1812
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/113,890
; FILING DATE: 30-AUG-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.

```

```

; REGISTRATION NUMBER: 29,959
; REFERENCE/POCKET NUMBER: 4733-0002.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 420 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-113-890-2

Query Match 51.2%; Score 41; DB 3; Length 420;
Best Local Similarity 46.2%; Pred. No. 74;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 DKWEAVITPGAFD 13
Db 258 DKWASYAGFGGN 270

RESULT 13
US-09-248-796A-18258
; Sequence 18258, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 18258
; LENGTH: 507
; TYPE: PRT
; ORGANISM: Candida albicans
; US-09-248-796A-18258

Query Match 51.2%; Score 41; DB 4; Length 507;
Best Local Similarity 53.8%; Pred. No. 90;
Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 DKWEAVITPGAFD 13
Db 163 DDWNVFITTGASD 175

RESULT 14
US-09-328-352-7181
; Sequence 7181, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 7181
; LENGTH: 810
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii
; US-09-328-352-7181

Query Match 51.2%; Score 41; DB 4; Length 810;

```

Best Local Similarity 77.8%; Pred. No. 1.4e+02;  
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 5 AYITGAFD 13  
Db 160 SYATPCAFD 168

RESULT 15  
US-07-942-245-32  
; Sequence 32, Application US/07942245  
; Patent No. 5639641  
; GENERAL INFORMATION:  
; APPLICANT: PEDERSEN, Jan T.  
; APPLICANT: SEARLE, Stephen M.J.  
; APPLICANT: REES, Anthony R.  
; APPLICANT: ROGUSKA, Michael A.  
; APPLICANT: GUILD, Braydon C.  
; TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
; NUMBER OF SEQUENCES: 522  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas  
; STREET: 2100 Pennsylvania Avenue, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: United States  
; ZIP: 20037-3202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: HP 9000/700 Workstation  
; OPERATING SYSTEM: UNIX  
; SOFTWARE: In house  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/942,245  
; FILING DATE: 09-SEP-1992  
; CLASSIFICATION: 530  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 293-7060  
; TELEFAX: (202) 293-7860  
; INFORMATION FOR SEQ ID NO: 32:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 117 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-07-942-245-32

Query Match 50.0%; Score 40; DB 1; Length 117;  
Best Local Similarity 46.2%; Pred. No. 30;  
Matches 6; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 2 KWEAYITPCADY 14  
Db 46 EWVAYISSGSFTI 58

Search completed: December 18, 2004, 16:21:50  
Job time : 4.68238 secs



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OM protein - protein search, using sw model

Run on: December 18, 2004, 17:55:01 ; Search time 142 Seconds  
(without alignments)

35,280 Million cell updates/sec

Title: US-09-610-118-63

Perfect score: 80

Sequence: 1 DKWEAYITPGAFDV 14

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 230597

Minimum DB seq length: 0

Maximum DB seq length: 14

Post-Processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:  
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2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*  
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6: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*  
8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/2/pubpaa/US09A\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/2/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/2/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/2/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/2/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/2/pubpaa/US10D\_PUBCOMB.pep.\*  
17: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	80	100.0	14	9 US-09-832-312-63	Sequence 63, Appl
2	80	100.0	14	11 US-09-829-495-63	Sequence 63, Appl
3	34	42.5	14	10 US-09-860-748-3128	Sequence 3128, Ap
4	34	42.5	14	14 US-10-293-418-3128	Sequence 3128, Ap
5	32	40.0	7	17 US-10-727-335-82	Sequence 82, Appl
6	31	38.8	14	13 US-10-100-952-125	Sequence 125, Appl
7	31	38.8	14	13 US-10-100-952-188	Sequence 188, App
8	31	38.8	14	17 US-10-865-478-797	Sequence 797, App
9	30	37.5	10	10 US-09-860-748-3117	Sequence 3117, Ap
10	30	37.5	10	14 US-10-293-418-3117	Sequence 3117, Ap
11	30	37.5	10	15 US-10-609-217-758	Sequence 758, App
12	30	37.5	10	15 US-10-632-388-758	Sequence 758, App
13	30	37.5	10	15 US-10-651-723-758	Sequence 758, App

14	30	37.5	10	15	US-10-645-761-758	Sequence 758, App
15	30	37.5	10	15	US-10-666-696-758	Sequence 758, App
16	30	37.5	10	15	US-10-653-048-758	Sequence 758, App
17	30	37.5	12	16	US-10-692-151-13	Sequence 13, Appl
18	30	37.5	14	13	US-10-100-952-123	Sequence 123, App
19	30	37.5	14	13	US-10-100-952-186	Sequence 186, App
20	29	36.2	9	10	US-09-932-165-8	Sequence 8, Appl
21	29	36.2	9	10	US-09-932-165-437	Sequence 437, App
22	29	36.2	9	10	US-09-932-165-615	Sequence 615, App
23	29	36.2	10	10	US-09-932-165-501	Sequence 501, App
24	29	36.2	10	10	US-09-932-165-712	Sequence 712, App
25	29	36.2	11	14	US-10-119-528-74	Sequence 74, Appl
26	29	36.2	12	10	US-09-870-498A-4	Sequence 4, Appl
27	29	36.2	13	15	US-10-285-325-18	Sequence 18, Appl
28	29	36.2	13	16	US-10-363-662A-10	Sequence 10, Appl
29	29	36.2	14	16	US-10-469-060-225	Sequence 225, App
30	29	36.2	14	16	US-10-469-060-278	Sequence 278, App
31	29	36.2	14	16	US-10-469-060-279	Sequence 279, App
32	29	36.2	14	16	US-10-469-060-281	Sequence 281, App
33	28.5	35.6	10	10	US-09-880-748-3178	Sequence 3178, Ap
34	28.5	35.6	10	14	US-10-293-418-3178	Sequence 3178, Ap
35	28	35.0	9	14	US-10-014-340-272	Sequence 272, App
36	28	35.0	12	16	US-10-649-873-143	Sequence 143, App
37	28	35.0	14	13	US-10-100-952-121	Sequence 121, App
38	28	35.0	14	13	US-10-100-952-184	Sequence 184, App
39	27	33.8	6	13	US-10-100-952-25	Sequence 25, Appl
40	27	33.8	6	14	US-10-347-562-43	Sequence 43, Appl
41	27	33.8	6	14	US-10-351-641-1583	Sequence 1583, Ap
42	27	33.8	9	14	US-10-116-788A-25	Sequence 25, Appl
43	27	33.8	10	13	US-10-100-952-157	Sequence 157, App
44	27	33.8	11	13	US-10-100-952-141	Sequence 141, App
45	27	33.8	12	16	US-10-467-758-19	Sequence 19, Appl

ALIGNMENTS

RESULT 1  
US-09-832-312-63  
; Sequence 63, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 63  
; LENGTH: 14  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-63

Query Match 100.0%; Score 80; DB 9; Length 14;  
Best Local Similarity 100.0%; Pred. No. 4.9e-06;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAFDV 14

Db 1 DKWEAYITPGAFDV 14

RESULT 2

US-09-829-495-63  
 ; Sequence 63, Application US/09829495  
 ; Publication No. US20040001826A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield SJ  
 ; APPLICANT: Villevall J  
 ; APPLICANT: Jandrot-Perrus M  
 ; APPLICANT: Vainchenker W  
 ; APPLICANT: Gill DS  
 ; APPLICANT: Qian MD  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-234  
 ; CURRENT APPLICATION NUMBER: US/09/829,495  
 ; CURRENT FILING DATE: 2001-04-09  
 ; PRIOR APPLICATION NUMBER: 09/610,118  
 ; PRIOR FILING DATE: 2000-06-30  
 ; PRIOR APPLICATION NUMBER: 09/503,387  
 ; PRIOR FILING DATE: 2000-02-14  
 ; PRIOR APPLICATION NUMBER: 09/454,824  
 ; PRIOR FILING DATE: 1999-12-06  
 ; PRIOR APPLICATION NUMBER: 09/345,468  
 ; PRIOR FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 78  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 63  
 ; LENGTH: 14  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-829-495-63

Query Match 100.0%; Score 80; DB 11; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 4.9e-06;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DKWEAYITPGAFDV 14  
 DB 1 DKWEAYITPGAFDV 14

RESULT 3  
 US-09-880-748-3128  
 ; Sequence 3128, Application US/09880748  
 ; Publication No. US2003005937A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ruben et al.  
 ; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys  
 ; FILE REFERENCE: PF523  
 ; CURRENT APPLICATION NUMBER: US/09/880,748  
 ; CURRENT FILING DATE: 2001-06-15  
 ; PRIOR APPLICATION NUMBER: 60/212,210  
 ; PRIOR FILING DATE: 2000-06-15  
 ; PRIOR APPLICATION NUMBER: 60/240,816  
 ; PRIOR FILING DATE: 2000-10-17  
 ; PRIOR APPLICATION NUMBER: 60/276,248  
 ; PRIOR FILING DATE: 2001-03-16  
 ; PRIOR APPLICATION NUMBER: 60/277,379  
 ; PRIOR FILING DATE: 2001-03-21  
 ; PRIOR APPLICATION NUMBER: 60/293,499  
 ; PRIOR FILING DATE: 2001-05-25  
 ; NUMBER OF SEQ ID NOS: 3239  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 3128  
 ; LENGTH: 14  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-880-748-3128

Query Match 42.5%; Score 34; DB 10; Length 14;  
 Best Local Similarity 38.5%; Pred. No. 1.4e-02;  
 Matches 5; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 2 KWEAYITPGAFDV 14  
 DB 2 KWEAYITPGAFDV 14

Db 2 EWEDIVVGSADF 14

RESULT 4  
 US-10-293-418-3128  
 ; Sequence 3128, Application US/10293418  
 ; Publication No. US20030223996A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ruben et al.  
 ; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys  
 ; FILE REFERENCE: PF523P2  
 ; CURRENT APPLICATION NUMBER: US/10/293,418  
 ; CURRENT FILING DATE: 2002-11-27  
 ; PRIOR APPLICATION NUMBER: 60/331,469  
 ; PRIOR FILING DATE: 2001-11-16  
 ; PRIOR APPLICATION NUMBER: 60/340,817  
 ; PRIOR FILING DATE: 2001-12-19  
 ; PRIOR APPLICATION NUMBER: 09/880,748  
 ; PRIOR FILING DATE: 2001-06-15  
 ; PRIOR APPLICATION NUMBER: 60/293,499  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: 60/277,379  
 ; PRIOR FILING DATE: 2001-03-21  
 ; PRIOR APPLICATION NUMBER: 60/276,248  
 ; PRIOR FILING DATE: 2001-03-16  
 ; PRIOR APPLICATION NUMBER: 60/240,816  
 ; PRIOR FILING DATE: 2000-10-17  
 ; PRIOR APPLICATION NUMBER: 60/212,210  
 ; PRIOR FILING DATE: 2000-06-16  
 ; NUMBER OF SEQ ID NOS: 3247  
 ; SEQ ID NO 3128  
 ; LENGTH: 14  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-293-418-3128

Query Match 42.5%; Score 34; DB 14; Length 14;  
 Best Local Similarity 38.5%; Pred. No. 1.4e-02;  
 Matches 5; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 2 KWEAYITPGAFDV 14  
 DB 2 EWEDIVVGSADF 14

RESULT 5  
 US-10-727-335-82  
 ; Sequence 82, Application US/10727335  
 ; Publication No. US20040229280A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hammond, David J.  
 ; APPLICANT: Carbonell, Ruben G.  
 ; APPLICANT: Lathrop, Julia I.  
 ; APPLICANT: Cervenakova, Larisa  
 ; TITLE OF INVENTION: Prion Protein Ligands and Methods of Use  
 ; FILE REFERENCE: 51821-295084 (51821-0101)  
 ; CURRENT APPLICATION NUMBER: US/10/727,335  
 ; CURRENT FILING DATE: 2003-12-03  
 ; PRIOR APPLICATION NUMBER: US 60/430,423  
 ; PRIOR FILING DATE: 2002-12-03  
 ; NUMBER OF SEQ ID NOS: 226  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 82  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: prion-binding ligand  
 ; US-10-727-335-82

Query Match 40.0%; Score 32; DB 17; Length 7;  
 Best Local Similarity 66.7%; Pred. No. 1.4e-06;  
 Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3 WEAYIT 8  
| | | | |  
Db 1 WSEYIT 6

## RESULT 6

US-10-100-952-125  
; Sequence 125, Application US/10100952  
; Publication No. US20020165193A1  
; GENERAL INFORMATION:  
; APPLICANT: Greene, Mark I.  
; APPLICANT: O'Rourke, Donald M.  
; APPLICANT: Murali, Ranachandran  
; APPLICANT: Park, Byeong Woo  
; TITLE OF INVENTION: Compositions And Methods Of Treating Tumors  
; FILE REFERENCE: UPN3458  
; CURRENT APPLICATION NUMBER: US/10/100,952  
; CURRENT FILING DATE: 2001-11-13  
; PRIOR APPLICATION NUMBER: 09/111,681  
; PRIOR FILING DATE: 1998-07-08  
; PRIOR APPLICATION NUMBER: 60/076,788  
; PRIOR FILING DATE: 1998-03-04  
; NUMBER OF SEQ ID NOS: 200  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 125  
; LENGTH: 14  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-100-952-125

Query Match 38.8%; Score 31; DB 13; Length 14;  
Best Local Similarity 55.6%; Pred. No. 4.4e+02;  
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9  
| | | | |  
Db 3 DQWEWYCYP 11

## RESULT 7

US-10-100-952-188  
; Sequence 188, Application US/10100952  
; Publication No. US20020165193A1  
; GENERAL INFORMATION:  
; APPLICANT: Greene, Mark I.  
; APPLICANT: O'Rourke, Donald M.  
; APPLICANT: Murali, Ranachandran  
; APPLICANT: Park, Byeong Woo  
; TITLE OF INVENTION: Compositions And Methods Of Treating Tumors  
; FILE REFERENCE: UPN3458  
; CURRENT APPLICATION NUMBER: US/10/100,952  
; CURRENT FILING DATE: 2001-11-13  
; PRIOR APPLICATION NUMBER: 09/111,681  
; PRIOR FILING DATE: 1998-07-08  
; PRIOR APPLICATION NUMBER: 60/076,788  
; PRIOR FILING DATE: 1998-03-04  
; NUMBER OF SEQ ID NOS: 200  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 188  
; LENGTH: 14  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-100-952-188

Query Match 38.8%; Score 31; DB 13; Length 14;  
Best Local Similarity 55.6%; Pred. No. 4.4e+02;  
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9  
| | | | |  
Db 3 DQWEWYCYP 11

## RESULT 8

US-10-865-478-797  
; Sequence 797, Application US/10865478  
; Publication No. US20040235041A1  
; GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; APPLICANT: Leach, Martin D.  
; TITLE OF INVENTION: Csingle Nucleotide Polymorphisms for Known Genes  
; FILE REFERENCE: 15966-534-CIP1  
; CURRENT APPLICATION NUMBER: US/10/865,478  
; CURRENT FILING DATE: 2004-06-10  
; PRIOR APPLICATION NUMBER: 60/109,024  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 09/443,199  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 09/442,129  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 09/442,849  
; PRIOR FILING DATE: 1999-11-17  
; NUMBER OF SEQ ID NOS: 880  
; SOFTWARE: CuraGen Patent Formatter Version 0.9  
; SEQ ID NO 797  
; LENGTH: 14  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: VARIANT  
; LOCATION: (7)...(0)  
; OTHER INFORMATION: CSNP translation  
US-10-865-478-797

Query Match 38.8%; Score 31; DB 17; Length 14;  
Best Local Similarity 85.7%; Pred. No. 4.4e+02;  
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 YITPGAF 12  
| | | | |  
Db 5 YITPEAF 11

## RESULT 9

US-09-880-748-3117  
; Sequence 3117, Application US/09880748  
; Publication No. US20030059937A1  
; GENERAL INFORMATION:  
; APPLICANT: Ruber et al.  
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys  
; FILE REFERENCE: PFS23  
; CURRENT APPLICATION NUMBER: US/09/880,748  
; CURRENT FILING DATE: 2001-06-15  
; PRIOR APPLICATION NUMBER: 60/212,210  
; PRIOR FILING DATE: 2000-06-15  
; PRIOR APPLICATION NUMBER: 60/240,816  
; PRIOR FILING DATE: 2000-10-17  
; PRIOR APPLICATION NUMBER: 60/276,248  
; PRIOR FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 60/277,379  
; PRIOR FILING DATE: 2001-03-21  
; PRIOR APPLICATION NUMBER: 60/293,499  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 3239  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3117  
; LENGTH: 10  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-880-748-3117

Query Match 37.5%; Score 30; DB 10; Length 10;  
Best Local Similarity 62.5%; Pred. No. 4.6e+02;  
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 7 ITPGAFDV 14  
|:|||||:  
Db 3 LTGGAFDI 10

## RESULT 10

US-10-293-418-3117  
; Sequence 3117, Application US/10293418  
; Publication No. US20030223996A1  
; GENERAL INFORMATION:  
; APPLICANT: Ruben et al.  
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys  
; FILE REFERENCE: PFS23P2  
; CURRENT APPLICATION NUMBER: US/10/293,418  
; CURRENT FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: 60/331,469  
; PRIOR FILING DATE: 2001-11-16  
; PRIOR APPLICATION NUMBER: 60/340,817  
; PRIOR FILING DATE: 2001-12-19  
; PRIOR APPLICATION NUMBER: 09/880,748  
; PRIOR FILING DATE: 2001-08-15  
; PRIOR APPLICATION NUMBER: 60/293,499  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: 60/277,379  
; PRIOR FILING DATE: 2001-03-21  
; PRIOR APPLICATION NUMBER: 60/276,248  
; PRIOR FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 60/240,816  
; PRIOR FILING DATE: 2000-10-17  
; PRIOR APPLICATION NUMBER: 60/212,210  
; PRIOR FILING DATE: 2000-06-16  
; NUMBER OF SEQ ID NOS: 3247  
; SEQ ID NO 3117  
; LENGTH: 10  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-293-418-3117

Query Match 37.5%; Score 30; DB 14; Length 10;  
Best Local Similarity 62.5%; Pred. No. 4.6e+02;  
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 7 ITPGAFDV 14  
|:|||||:  
Db 3 LTGGAFDI 10

## RESULT 11

US-10-609-217-758  
; Sequence 758, Application US/10609217  
; Publication No. US20040044188A1  
; GENERAL INFORMATION:  
; APPLICANT: FEIGE, ULRICH  
; APPLICANT: LIU, CHUAN-FA  
; APPLICANT: CHEETHAM, JANET C.  
; APPLICANT: BOONE, THOMAS CHARLES  
; TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS  
; FILE REFERENCE: A-527  
; CURRENT APPLICATION NUMBER: US/10/609,217  
; CURRENT FILING DATE: 2003-06-27  
; PRIOR APPLICATION NUMBER: US/09/428,082B  
; PRIOR FILING DATE: 1999-10-22  
; PRIOR APPLICATION NUMBER: 60/105,371  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 1133  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 758  
; LENGTH: 10  
; TYPE: PRT

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: IL-1 ANTAGONIST PEPTIDE  
US-10-609-217-758

Query Match 37.5%; Score 30; DB 15; Length 10;  
Best Local Similarity 57.1%; Pred. No. 4.6e+02;  
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYITP 9  
|:||||:  
Db 3 WQPYATP 9

## RESULT 12

US-10-632-388-758  
; Sequence 758, Application US/10632388  
; Publication No. US20040053845A1  
; GENERAL INFORMATION:  
; APPLICANT: FEIGE, ULRICH  
; APPLICANT: LIU, CHUAN-FA  
; APPLICANT: CHEETHAM, JANET C.  
; APPLICANT: BOONE, THOMAS CHARLES  
; TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS  
; FILE REFERENCE: A-527  
; CURRENT APPLICATION NUMBER: US/10/632,388  
; CURRENT FILING DATE: 2003-07-31  
; PRIOR APPLICATION NUMBER: US/09/428,082B  
; PRIOR FILING DATE: 1999-10-22  
; PRIOR APPLICATION NUMBER: 60/105,371  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 1133  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 758  
; LENGTH: 10  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: IL-1 ANTAGONIST PEPTIDE  
US-10-632-388-758

Query Match 37.5%; Score 30; DB 15; Length 10;  
Best Local Similarity 57.1%; Pred. No. 4.6e+02;  
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYITP 9  
|:||||:  
Db 3 WQPYATP 9

## RESULT 13

US-10-651-723-758  
; Sequence 758, Application US/10651723  
; Publication No. US20040057953A1  
; GENERAL INFORMATION:  
; APPLICANT: FEIGE, ULRICH  
; APPLICANT: LIU, CHUAN-FA  
; APPLICANT: CHEETHAM, JANET C.  
; APPLICANT: BOONE, THOMAS CHARLES  
; TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS  
; FILE REFERENCE: A-527  
; CURRENT APPLICATION NUMBER: US/10/651,723  
; CURRENT FILING DATE: 2003-08-29  
; PRIOR APPLICATION NUMBER: US/09/428,082B  
; PRIOR FILING DATE: 1999-10-22  
; PRIOR APPLICATION NUMBER: 60/105,371  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 1133  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 758  
; LENGTH: 10  
; TYPE: PRT  
; ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: IL-1 ANTAGONIST PEPTIDE
US-10-651-723-758

Query Match      37.5%; Score 30; DB 15; Length 10;
Best Local Similarity 57.1%; Pred. No. 4.6e+02;
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYTTP 9
   |:| |
Db 3 WQPYATP 9

RESULT 14
US-10-645-761-758
; Sequence 758, Application US/10645761
; Publication No. US20040071712A1
; GENERAL INFORMATION:
; APPLICANT: FEIGS, ULRICH
; APPLICANT: LIU, CHUAN-FA
; APPLICANT: CHEETHAM, JANET C.
; APPLICANT: BOONE, THOMAS CHARLES
; TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS
; FILE REFERENCE: A-527
; CURRENT APPLICATION NUMBER: US/10/645,761
; CURRENT FILING DATE: 2003-08-18
; PRIOR APPLICATION NUMBER: US/09/428,082B
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 60/105,371
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 1133
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 758
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IL-1 ANTAGONIST PEPTIDE
US-10-645-761-758

Query Match      37.5%; Score 30; DB 15; Length 10;
Best Local Similarity 57.1%; Pred. No. 4.6e+02;
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYTTP 9
   |:| |
Db 3 WQPYATP 9

RESULT 15
US-10-666-696-758
; Sequence 758, Application US/10666596
; Publication No. US20040077022A1
; GENERAL INFORMATION:
; APPLICANT: FEIGS, ULRICH
; APPLICANT: LIU, CHUAN-FA
; APPLICANT: CHEETHAM, JANET C.
; APPLICANT: BOONE, THOMAS CHARLES
; APPLICANT: GUDAS, JEAN MARIE
; TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS
; FILE REFERENCE: A-527A
; CURRENT APPLICATION NUMBER: US/10/666,696
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/563,286C
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/428,082
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 60/105,371
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 1157
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 758
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IL-1 ANTAGONIST PEPTIDE
US-10-666-696-758

Query Match      37.5%; Score 30; DB 15; Length 10;
Best Local Similarity 57.1%; Pred. No. 4.6e+02;
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYTTP 9
   |:| |
Db 3 WQPYATP 9

RESULT 16
US-10-666-696-758
; Sequence 758, Application US/10666596
; Publication No. US20040077022A1
; GENERAL INFORMATION:
; APPLICANT: FEIGS, ULRICH
; APPLICANT: LIU, CHUAN-FA
; APPLICANT: CHEETHAM, JANET C.
; APPLICANT: BOONE, THOMAS CHARLES
; APPLICANT: GUDAS, JEAN MARIE
; TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS
; FILE REFERENCE: A-527A
; CURRENT APPLICATION NUMBER: US/10/666,696
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/563,286C
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/428,082
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 60/105,371
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 1157
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 758
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IL-1 ANTAGONIST PEPTIDE
US-10-666-696-758

Query Match      37.5%; Score 30; DB 15; Length 10;
Best Local Similarity 57.1%; Pred. No. 4.6e+02;
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYTTP 9
   |:| |
Db 3 WQPYATP 9

Search completed: December 18, 2004, 18:08:40
Job time : 143 secs
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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 17:46:20 ; Search time 37 Seconds  
(without alignments)  
25.093 Million cell updates/sec

Title: US-09-610-118-63

Perfect score: 80

Sequence: 1 DKWEAYITPGAFDV 14

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 145874

Minimum DB seq length: 0

Maximum DB seq length: 14

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

1: /cgn2\_6/ptodata/1/iaa/5A\_COMB.pep.\*  
2: /cgn2\_6/ptodata/1/iaa/5B\_COMB.pep.\*  
3: /cgn2\_6/ptodata/1/iaa/6A\_COMB.pep.\*  
4: /cgn2\_6/ptodata/1/iaa/6B\_COMB.pep.\*  
5: /cgn2\_6/ptodata/1/iaa/PTUS\_COMB.pep.\*  
6: /cgn2\_6/ptodata/1/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	38.8	14	1	US-08-433-318A-109
2	31	38.8	14	1	US-08-433-318A-172
3	31	38.8	14	2	US-08-922-048-109
4	31	38.8	14	2	US-08-922-048-172
5	31	38.8	14	4	US-09-111-681C-125
6	31	38.8	14	4	US-09-111-681C-188
7	31	38.8	14	5	PCT-US96-06270-109
8	31	38.8	14	5	PCT-US96-06270-172
9	30	37.5	10	1	US-08-190-788A-140
10	30	37.5	10	1	US-08-383-474B-145
11	30	37.5	10	1	US-08-465-391A-140
12	30	37.5	10	2	US-08-464-538B-140
13	30	37.5	10	2	US-08-463-076E-190
14	30	37.5	10	4	US-09-428-082B-758
15	30	37.5	11	2	US-08-726-136-13
16	30	37.5	11	3	US-09-103-434-13
17	30	37.5	11	3	US-09-687-594-13
18	30	37.5	12	4	US-09-419-381-13
19	30	37.5	14	1	US-08-433-318A-107
20	30	37.5	14	1	US-08-433-318A-170
21	30	37.5	14	2	US-08-922-048-107
22	30	37.5	14	2	US-08-922-048-170
23	30	37.5	14	4	US-09-111-681C-123
24	30	37.5	14	4	US-09-111-681C-186
25	30	37.5	14	5	PCT-US96-06270-107
26	30	37.5	14	5	PCT-US96-06270-170
27	28	35.0	9	4	US-09-289-942A-4

US-08-433-318A-109  
Sequence 109, Application US/08433318A  
Patent No. 5663144  
GENERAL INFORMATION:  
APPLICANT: Greene, Mark I.  
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND  
TITLE OF INVENTION: METHODS OF USING THE SAME  
NUMBER OF SEQUENCES: 184  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESS: No. 5663144ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: WORDPERFECT 6  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/433,318A  
FILING DATE: 03-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mark Deluca  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: UPN-2106  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 109:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-08-433-318A-109

#### ALIGNMENTS

#### RESULT 1

Sequence 5, Appli  
Sequence 22, Appli  
Sequence 14, Appli  
Sequence 105, App  
Sequence 168, App  
Sequence 105, App  
Sequence 121, App  
Sequence 184, App  
Sequence 105, App  
Sequence 168, App  
Sequence 9, Appli  
Sequence 1583, Ap  
Sequence 25, Appli  
Sequence 43, Appli  
Sequence 1583, Ap  
Sequence 9, Appli  
Sequence 31, DB 1; Length 14;  
Best Local Similarity 55.6%; Pred. No. 1e+02;  
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
QY 1 DKWEAYITP 9  
|:|:|

Db 3 DQWEYCYP 11

RESULT 2

US-08-433-318A-172

; Sequence 172, Application US/08433318A

; Patent No. 5663144

; GENERAL INFORMATION:

; APPLICANT: Greene, Mark I.

; TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND

; TITLE OF INVENTION: METHODS OF USING THE SAME

; NUMBER OF SEQUENCES: 184

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &

; ADDRESSEE: No. 5663144ris

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH

; COMPUTER: IBM PC Compatible

; OPERATING SYSTEM: Windows

; SOFTWARE: WORDPERFECT 6

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/433,318

; FILING DATE: 03-MAY-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 514

; FILING DATE: 03-MAY-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Mark Deluca

; REGISTRATION NUMBER: 33,229

; REFERENCE/DOCKET NUMBER: UPN-2106

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 172:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 14

; TYPE: amino acid

; TOPOLOGY: unknown

; MOLECULE TYPE: peptide

US-08-433-318A-172

Query Match 38.8%; Score 31; DB 1; Length 14;

Best Local Similarity 55.6%; Pred. No. 1e+02;

Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9

Db 3 DQWEYCYP 11

RESULT 3

US-08-922-048-109

; Sequence 109, Application US/08922048

; Patent No. 5919764

; GENERAL INFORMATION:

; APPLICANT: Greene, Mark I.

; TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND

; TITLE OF INVENTION: METHODS OF USING THE SAME

; NUMBER OF SEQUENCES: 184

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &

; ADDRESSEE: No. 5919764ris

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH

; COMPUTER: IBM PC Compatible

; OPERATING SYSTEM: Windows

; SOFTWARE: WORDPERFECT 6

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/922,048

; FILING DATE: 03-MAY-1995

; CLASSIFICATION: 184

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/433,318

; FILING DATE: 03-MAY-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Mark Deluca

; REGISTRATION NUMBER: 33,229

; REFERENCE/DOCKET NUMBER: UPN-2106

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 172:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 14

; TYPE: amino acid

; TOPOLOGY: unknown

; MOLECULE TYPE: peptide

US-08-433-318A-172

Query Match 38.8%; Score 31; DB 1; Length 14;

Best Local Similarity 55.6%; Pred. No. 1e+02;

Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9

Db 3 DQWEYCYP 11

RESULT 4

US-08-922-048-172

; Sequence 172, Application US/08922048

; Patent No. 5919764

; GENERAL INFORMATION:

; APPLICANT: Greene, Mark I.

; TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND

; TITLE OF INVENTION: METHODS OF USING THE SAME

; NUMBER OF SEQUENCES: 184

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &

; ADDRESSEE: No. 5919764ris

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH

; COMPUTER: IBM PC Compatible

; OPERATING SYSTEM: Windows

; SOFTWARE: WORDPERFECT 6

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/922,048

; FILING DATE: 03-MAY-1995

; CLASSIFICATION: 184

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/433,318

; FILING DATE: 03-MAY-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Mark Deluca

; REGISTRATION NUMBER: 33,229

; REFERENCE/DOCKET NUMBER: UPN-2106

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 172:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 14

; TYPE: amino acid

; TOPOLOGY: unknown

; MOLECULE TYPE: peptide

US-08-922-048-109

Query Match 38.8%; Score 31; DB 1; Length 14;

Best Local Similarity 55.6%; Pred. No. 1e+02;

Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9

Db 3 DQWEYCYP 11



SEQUENCE CHARACTERISTICS:  
LENGTH: 14  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-08-922-048-172

Query Match 38.8%; Score 31; DB 2; Length 14;  
Best Local Similarity 55.6%; Pred. No. 1e+02;  
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9  
Db 3 DQEWYCYP 11

## RESULT 5

US-09-111-681C-125  
Sequence 125, Application US/09111681C  
Patent No. 6417168

GENERAL INFORMATION:  
APPLICANT: Greene, Mark I.  
APPLICANT: O'Rourke, Donald M.  
APPLICANT: Murali, Ramachandran  
APPLICANT: Park, Byeong Woo  
TITLE OF INVENTION: Compositions And Methods Of Treating Tumors  
FILE REFERENCE: UPN3458  
CURRENT APPLICATION NUMBER: US/09/111,681C  
CURRENT FILING DATE: 1998-07-08  
PRIOR APPLICATION NUMBER: 60/076,788  
PRIOR FILING DATE: 1998-03-04  
NUMBER OF SEQ ID NOS: 200  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 125  
LENGTH: 14  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence

## US-09-111-681C-125

Query Match 38.8%; Score 31; DB 4; Length 14;  
Best Local Similarity 55.6%; Pred. No. 1e+02;  
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9  
Db 3 DQEWYCYP 11

## RESULT 6

US-09-111-681C-188  
Sequence 188, Application US/09111681C  
Patent No. 6417168

GENERAL INFORMATION:  
APPLICANT: Greene, Mark I.  
APPLICANT: O'Rourke, Donald M.  
APPLICANT: Murali, Ramachandran  
APPLICANT: Park, Byeong Woo  
TITLE OF INVENTION: Compositions And Methods Of Treating Tumors  
FILE REFERENCE: UPN3458  
CURRENT APPLICATION NUMBER: US/09/111,681C  
CURRENT FILING DATE: 1998-07-08  
PRIOR APPLICATION NUMBER: 60/076,788  
PRIOR FILING DATE: 1998-03-04  
NUMBER OF SEQ ID NOS: 200  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 188  
LENGTH: 14  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence

## US-09-111-681C-188

Query Match 38.8%; Score 31; DB 4; Length 14;  
Best Local Similarity 55.6%; Pred. No. 1e+02;  
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9  
Db 3 DQEWYCYP 11

## RESULT 7

PCT-US96-06270-109  
Sequence 109, Application PC/TUS9606270  
GENERAL INFORMATION:

APPLICANT: Greene, Mark I.  
APPLICANT: Zhang, Xin  
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND  
METHODS OF USING THE SAME  
NUMBER OF SEQUENCES: 184  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06270  
FILING DATE:  
CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/433,318  
FILING DATE: 03-MAY-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Mark Deluca  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: UPN-2748  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 109:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
PCT-US96-06270-109

Query Match 38.8%; Score 31; DB 5; Length 14;  
Best Local Similarity 55.6%; Pred. No. 1e+02;  
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9  
Db 3 DQEWYCYP 11

## RESULT 8

PCT-US96-06270-172  
Sequence 172, Application PC/TUS9606270  
GENERAL INFORMATION:

APPLICANT: Greene, Mark I.  
APPLICANT: Zhang, Xin  
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND  
METHODS OF USING THE SAME  
NUMBER OF SEQUENCES: 184  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06270  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/433,318  
FILING DATE: 03-MAY-1995

ATTORNEY/AGENT INFORMATION:  
NAME: Mark DeLuca  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: UPN-2748  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 172:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
PCT-US96-06270-172

Query Match 38.8%; Score 31; DB 5; Length 14;  
Best Local Similarity 55.6%; Pred. No. 1e+02;  
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9  
Db 3 DQEWICYP 11

RESULT 9  
US-08-190-788A-140  
Sequence 140, Application US/08190788A  
Patent No. 5608035  
GENERAL INFORMATION:  
APPLICANT: Yanofsky, Stephen D.  
APPLICANT: Barrett, Ronald W.  
APPLICANT: Baldwin, David N.  
APPLICANT: Jacobs, Jeff W.  
TITLE OF INVENTION: Peptides and Compounds That Bind to the  
TITLE OF INVENTION: IL-1 Receptor  
NUMBER OF SEQUENCES: 312  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Affymax Technologies N.V.  
STREET: 4001 Miranda Avenue  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/190,788A  
FILING DATE: 02-FEB-1994  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/847,567  
FILING DATE: 05-MAR-1992

ATTORNEY/AGENT INFORMATION:  
NAME: Stevens, Lauren L.  
REGISTRATION NUMBER: 36,691  
REFERENCE/DOCKET NUMBER: 1019.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-496-2300  
TELEFAX: 415-424-0832  
INFORMATION FOR SEQ ID NO: 140:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-190-788A-140

Query Match 37.5%; Score 30; DB 1; Length 10;  
Best Local Similarity 57.1%; Pred. No. 1e+02;  
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYITP 9  
Db 3 WQFYATP 9

RESULT 10  
US-08-383-474B-145  
Sequence 145, Application US/08383474B  
Patent No. 5767234  
GENERAL INFORMATION:  
APPLICANT: Yanofsky, Stephen D.  
APPLICANT: Barrett, Ronald W.  
APPLICANT: Baldwin, David N.  
APPLICANT: Jacobs, Jeff W.  
TITLE OF INVENTION: Peptides and Compounds That Bind to  
TITLE OF INVENTION: the IL-1 Receptor  
NUMBER OF SEQUENCES: 314  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend & Townsend & Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/383,474B  
FILING DATE: 01-FEB-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/190,788  
FILING DATE: 02-FEB-1994  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Stevens, Lauren L.  
REGISTRATION NUMBER: 36,691  
REFERENCE/DOCKET NUMBER: 1019.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-496-2300  
TELEFAX: 415-424-0832  
INFORMATION FOR SEQ ID NO: 145:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-383-474B-145

Query Match 37.5%; Score 30; DB 1; Length 10;  
Best Local Similarity 57.1%; Pred. No. 1e+02;  
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYITP 9  
Db 3 WQPYATP 9

RESULT 11  
US-08-465-391A-140  
; Sequence 140, Application US/08465391A  
; Patent No. 5786331

GENERAL INFORMATION:  
; APPLICANT: Barrett, Ronald W.  
; APPLICANT: Yanofsky, Stephen D.  
; APPLICANT: Baldwin, David  
; APPLICANT: Jacobs, Jeff W.  
; APPLICANT: Bovy, Philippe R.  
; APPLICANT: Leahy, Ellen M.  
; APPLICANT: Pottorf, Richard S.  
; TITLE OF INVENTION: Peptides and Compounds That Bind to the  
; TITLE OF INVENTION: IL-1 Receptor  
; NUMBER OF SEQUENCES: 405  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew  
; STREET: One Market Plaza, Steuart Tower, Suite 2000  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94105

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/465,391A  
; FILING DATE: 05-JUN-1995  
; CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/373,474  
; FILING DATE: 01-FEB-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/190,788  
; FILING DATE: 02-FEB-1994  
; CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
; NAME: NO. 5786331viel, Vern  
; REGISTRATION NUMBER: 32,483  
; REFERENCE/DOCKET NUMBER: 16528A-001840/1019.2A  
; TELEPHONE: 415-326-2400  
; TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 140:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 10 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-465-391A-140

Query Match 37.5%; Score 30; DB 1; Length 10;  
Best Local Similarity 57.1%; Pred. No. 1e+02;  
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYITP 9  
Db 3 WQPYATP 9

Query Match 37.5%; Score 30; DB 1; Length 10;  
Best Local Similarity 57.1%; Pred. No. 1e+02;  
Matches 4; Conservative 0; Gaps 0;

RESULT 12  
US-08-464-538B-140  
; Sequence 140, Application US/08464538B  
; Patent No. 5861476

GENERAL INFORMATION:  
; APPLICANT: Barrett, Ronald W.  
; APPLICANT: Yanofsky, Stephen D.  
; APPLICANT: Baldwin, David  
; APPLICANT: Jacobs, Jeff W.  
; APPLICANT: Bovy, Philippe R.  
; APPLICANT: Leahy, Ellen M.  
; APPLICANT: Pottorf, Richard S.  
; TITLE OF INVENTION: Peptides and Compounds That Bind to the  
; TITLE OF INVENTION: IL-1 Receptor  
; NUMBER OF SEQUENCES: 402  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/464,538B  
; FILING DATE: 05-JUN-1995  
; CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/373,474  
; FILING DATE: 01-FEB-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/190,788  
; FILING DATE: 02-FEB-1994  
; CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
; NAME: Smith, William M.  
; REGISTRATION NUMBER: 30,223  
; REFERENCE/DOCKET NUMBER: 16528A-001810  
; TELEPHONE: 415-326-2400  
; TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 140:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 10 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-464-538B-140

Query Match 37.5%; Score 30; DB 2; Length 10;  
Best Local Similarity 57.1%; Pred. No. 1e+02;  
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYITP 9  
Db 3 WQPYATP 9

RESULT 13  
US-08-463-076E-190  
; Sequence 190, Application US/08463076E  
; Patent No. 5880596

GENERAL INFORMATION:  
; APPLICANT: Barrett, Ronald W.  
; APPLICANT: Yanofsky, Stephen D.  
; TITLE OF INVENTION: Peptides and Compounds That Bind to the  
; TITLE OF INVENTION: IL-1 Receptor

NUMBER OF SEQUENCES: 392  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/463.0762  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Snyder, Joseph R.  
REGISTRATION NUMBER: 39,381  
REFERENCE/DOCKET NUMBER: 16528A-001850US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 190:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-463-0762-190

Query Match 37.5%; Score 30; DB 2; Length 10;  
Best Local Similarity 57.1%; Pred. No. 1e+02;  
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYITP 9  
Db 3 WQPYATP 9

RESULT 14  
US-09-428-082B-758  
Sequence 758, Application US/09428082B  
Patent No. 6660843  
GENERAL INFORMATION:  
APPLICANT: FEIGE, ULRICH  
APPLICANT: LIU, CHUAN-FA  
APPLICANT: CHEETHAM, JANET C.  
TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS  
FILE REFERENCE: A-527  
CURRENT APPLICATION NUMBER: US/09/428,082B  
PRIOR FILING DATE: 1999-10-22  
CURRENT FILING DATE: 60/105,371  
PRIOR APPLICATION NUMBER: 60/105,371  
NUMBER OF SEQ ID NOS: 1133  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 758  
LENGTH: 10  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: IL-1 ANTAGONIST PEPTIDE  
US-09-428-082B-758

Query Match 37.5%; Score 30; DB 4; Length 10;  
Best Local Similarity 57.1%; Pred. No. 1e+02;  
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 WEAYITP 9  
Db 3 WQPYATP 9

Db 3 WQPYATP 9

RESULT 15  
US-08-726-136-13  
Sequence 13, Application US/08726136  
Patent No. 5811286  
GENERAL INFORMATION:  
APPLICANT: ROBERT D. FALLON  
APPLICANT: MARK S. PAYNE  
APPLICANT: MARK J. NELSON  
TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS ENCODING  
TITLE OF INVENTION: STEREOSPECIFIC NITRILE HYDRATASE AND AMIDASE ENZYMES AND  
TITLE OF INVENTION: RECOMBINANT ORGANISMS EXPRESSING THOSE ENZYMES USEFUL FOR  
TITLE OF INVENTION: THE PRODUCTION OF CHIRAL AMIDES AND ACIDS  
NUMBER OF SEQUENCES: 28  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: UNITED STATES OF AMERICA  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: MICROSOFT WINDOWS 3.1  
SOFTWARE: MICROSOFT WORD 2.0C  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/726,136  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/004914  
FILING DATE: OCTOBER 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA A.  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: CR-9677  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-773-0164  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 11 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
US-08-726-136-13

Query Match 37.5%; Score 30; DB 2; Length 11;  
Best Local Similarity 44.4%; Pred. No. 1.1e+02;  
Matches 4; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 DKWEAYITP 9  
Db 2 DLWDDYLEP 10

Search completed: December 18, 2004, 17:58:02  
Job time : 38 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 16:16:45 ; Search time 14.3226 Seconds  
(without alignments)  
324.792 Million cell updates/sec

Title: US-09-610-118-64

Perfect score: 62

Sequence: 1 TRSSGSIASNYVQ 13

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 1589859

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:  
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2: /cgn2\_6/prodata/2/pubpaa/US07\_PUBCOMB.pep.\*  
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20: /cgn2\_6/prodata/2/pubpaa/US07\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	62	100.0	13	9 US-09-832-312-64	Sequence 64, Appl
2	62	100.0	13	11 US-09-829-495-64	Sequence 64, Appl
3	62	100.0	98	14 US-10-308-817-117	Sequence 117, App
4	62	100.0	98	15 US-10-453-698-117	Sequence 117, App
5	62	100.0	108	16 US-10-779-461-158	Sequence 158, App
6	62	100.0	108	17 US-10-800-197-156	Sequence 156, App
7	62	100.0	110	14 US-10-263-805-50	Sequence 50, Appl
8	62	100.0	110	14 US-10-263-805-52	Sequence 52, Appl
9	62	100.0	111	17 US-10-800-197-152	Sequence 152, App
10	62	100.0	112	16 US-10-779-461-143	Sequence 143, App
11	62	100.0	113	17 US-10-800-197-121	Sequence 121, App
12	62	100.0	161	14 US-10-106-698-6785	Sequence 6785, Ap
13	62	100.0	245	17 US-10-800-197-7	Sequence 7, Appli

14	62	100.0	251	16	US-10-779-461-36	Sequence 36, Appl
15	62	100.0	251	16	US-10-779-461-48	Sequence 48, Appl
16	62	100.0	251	16	US-10-779-461-51	Sequence 51, Appl
17	59	95.2	110	14	US-10-269-805-42	Sequence 42, Appl
18	59	95.2	251	16	US-10-779-461-25	Sequence 25, Appl
19	59	95.2	251	16	US-10-779-461-49	Sequence 49, Appl
20	58	93.5	248	14	US-10-120-414-78	Sequence 78, Appl
21	57	91.9	111	16	US-10-779-461-147	Sequence 147, App
22	57	91.9	250	16	US-10-779-461-60	Sequence 60, Appl
23	56	90.3	249	16	US-10-779-461-42	Sequence 42, Appl
24	56	90.3	258	14	US-09-880-748-1234	Sequence 1234, Ap
25	56	90.3	258	14	US-10-293-418-1234	Sequence 1234, Ap
26	55	88.7	13	10	US-09-972-656-2	Sequence 2, Appli
27	55	88.7	216	10	US-09-972-656-108	Sequence 108, App
28	55	88.7	250	16	US-10-779-461-11	Sequence 11, Appl
29	55	88.7	251	16	US-10-779-461-37	Sequence 37, Appl
30	54	87.1	13	10	US-09-972-656-3	Sequence 3, Appli
31	54	87.1	161	15	US-10-364-743-76	Sequence 76, Appl
32	54	87.1	166	15	US-10-364-743-37	Sequence 37, Appl
33	54	87.1	216	10	US-09-972-656-90	Sequence 90, Appl
34	53	85.5	13	17	US-10-741-481-20	Sequence 20, Appl
35	53	85.5	110	17	US-10-741-481-4	Sequence 4, Appli
36	53	85.5	112	17	US-10-800-197-133	Sequence 133, App
37	53	85.5	247	17	US-10-800-197-14	Sequence 14, Appl
38	53	85.5	249	16	US-10-779-461-34	Sequence 34, Appl
39	53	85.5	251	16	US-10-779-461-56	Sequence 56, Appl
40	53	85.5	253	10	US-09-880-748-909	Sequence 909, App
41	53	85.5	253	10	US-09-880-748-1125	Sequence 1125, Ap
42	53	85.5	253	10	US-09-880-748-1167	Sequence 1167, Ap
43	53	85.5	253	10	US-09-880-748-1375	Sequence 1375, Ap
44	53	85.5	253	14	US-10-293-418-909	Sequence 909, App
45	53	85.5	253	14	US-10-293-418-1125	Sequence 1125, Ap

#### ALIGNMENTS

RESULT 1  
US-09-832-312-64  
; Sequence 64, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Basfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; PRIOR FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 64  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-64

Query Match 100.0%; Score 62; DB 9; Length 13;  
Best Local Similarity 100.0%; Pred. No. 0.00031;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13

Db 1 TRSSGSIASNYVQ 13

RESULT 2

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US-09-829-495-64
; Sequence 64, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Petrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 64
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-829-495-64

Query Match      100.0%; Score 62; DB 11; Length 13;
Best Local Similarity 100.0%; Pred. No. 0.00031;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13
DB 1 TRSSGSIASNYVQ 13

RESULT 3
US-10-308-817-117
; Sequence 117, Application US/10308817
; Publication No. US20030219851A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 117
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
; ORGANISM: human
US-10-308-817-117

Query Match      100.0%; Score 62; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 0.0026;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13
DB 23 TRSSGSIASNYVQ 35

RESULT 4
US-10-453-698-117
; Sequence 117, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell

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; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 117
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
; ORGANISM: human
US-10-453-698-117

Query Match      100.0%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 0.0026;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13
DB 23 TRSSGSIASNYVQ 35

RESULT 5
US-10-779-461-158
; Sequence 158, Application US/10779461
; Publication No. US20040166544A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A
; TITLE OF INVENTION: ANTIBODIES TO c-MET FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 00980/1
; CURRENT APPLICATION NUMBER: US/10/779,461
; CURRENT FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: 60/447,073
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 161
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 158
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
; ORGANISM: homo sapiens
US-10-779-461-158

Query Match      100.0%; Score 62; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13
DB 23 TRSSGSIASNYVQ 35

RESULT 6
US-10-800-197-156
; Sequence 156, Application US/10800197
; Publication No. US20040202655A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A et al.
; TITLE OF INVENTION: ANTIBODIES TO IGF-I RECEPTOR FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 01343/1
; CURRENT APPLICATION NUMBER: US/10/800,197
; CURRENT FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: 60/455,094
; PRIOR FILING DATE: 2003-03-14
; NUMBER OF SEQ ID NOS: 157
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 156
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
; ORGANISM: homo sapiens
US-10-800-197-156

Query Match      100.0%; Score 62; DB 17; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 TRSSGSIASNYVQ 13  
 |||||  
 Db 23 TRSSGSIASNYVQ 35

## RESULT 7

US-10-269-805-50  
 ; Sequence 50, Application US/10269805  
 ; Publication No. US20030124129A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: OLINER, JONATHAN D.  
 ; TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS  
 ; FILE REFERENCE: A-722  
 ; CURRENT APPLICATION NUMBER: US/10/269,805  
 ; CURRENT FILING DATE: 2002-10-10  
 ; PRIOR APPLICATION NUMBER: US 60/328,604  
 ; PRIOR FILING DATE: 2001-10-11  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 50  
 ; LENGTH: 110  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-269-805-50

Query Match 100.0%; Score 62; DB 14; Length 110;  
 Best Local Similarity 100.0%; Pred. No. 0.003;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
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 Db 23 TRSSGSIASNYVQ 35

## RESULT 8

US-10-269-805-52  
 ; Sequence 52, Application US/10269805  
 ; Publication No. US20030124129A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: OLINER, JONATHAN D.  
 ; TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS  
 ; FILE REFERENCE: A-722  
 ; CURRENT APPLICATION NUMBER: US/10/269,805  
 ; CURRENT FILING DATE: 2002-10-10  
 ; PRIOR APPLICATION NUMBER: US 60/328,604  
 ; PRIOR FILING DATE: 2001-10-11  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 52  
 ; LENGTH: 110  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-269-805-52

Query Match 100.0%; Score 62; DB 14; Length 110;  
 Best Local Similarity 100.0%; Pred. No. 0.003;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
 |||||  
 Db 23 TRSSGSIASNYVQ 35

## RESULT 9

US-10-800-197-152  
 ; Sequence 152, Application US/10800197  
 ; Publication No. US20040202655A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: MORTON, PHILIP A et al.  
 ; TITLE OF INVENTION: ANTIBODIES TO IGF-I RECEPTOR FOR THE TREATMENT OF CANCERS  
 ; FILE REFERENCE: 01343/1  
 ; CURRENT APPLICATION NUMBER: US/10/800,197

; CURRENT FILING DATE: 2004-03-12  
 ; PRIOR APPLICATION NUMBER: 60/455,094  
 ; PRIOR FILING DATE: 2003-03-14  
 ; NUMBER OF SEQ ID NOS: 157  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 152  
 ; LENGTH: 111  
 ; TYPE: PRT  
 ; ORGANISM: homo sapiens  
 US-10-800-197-152

Query Match 100.0%; Score 62; DB 17; Length 111;  
 Best Local Similarity 100.0%; Pred. No. 0.003;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
 |||||  
 Db 23 TRSSGSIASNYVQ 35

## RESULT 10

US-10-779-461-143  
 ; Sequence 143, Application US/10779461  
 ; Publication No. US20040166544A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: MORTON, PHILIP A  
 ; TITLE OF INVENTION: ANTIBODIES TO c-MET FOR THE TREATMENT OF CANCERS  
 ; FILE REFERENCE: 00980/1  
 ; CURRENT APPLICATION NUMBER: US/10/779,461  
 ; CURRENT FILING DATE: 2004-02-13  
 ; PRIOR APPLICATION NUMBER: 60/447,073  
 ; PRIOR FILING DATE: 2003-02-13  
 ; NUMBER OF SEQ ID NOS: 161  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 143  
 ; LENGTH: 112  
 ; TYPE: PRT  
 ; ORGANISM: artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: V\_region  
 US-10-779-461-143

Query Match 100.0%; Score 62; DB 16; Length 112;  
 Best Local Similarity 100.0%; Pred. No. 0.003;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
 |||||  
 Db 23 TRSSGSIASNYVQ 35

## RESULT 11

US-10-800-197-121  
 ; Sequence 121, Application US/10800197  
 ; Publication No. US20040202655A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: MORTON, PHILIP A et al.  
 ; TITLE OF INVENTION: ANTIBODIES TO IGF-I RECEPTOR FOR THE TREATMENT OF CANCERS  
 ; FILE REFERENCE: 01343/1  
 ; CURRENT APPLICATION NUMBER: US/10/800,197  
 ; CURRENT FILING DATE: 2004-03-12  
 ; PRIOR APPLICATION NUMBER: 60/455,094  
 ; PRIOR FILING DATE: 2003-03-14  
 ; NUMBER OF SEQ ID NOS: 157  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 121  
 ; LENGTH: 113  
 ; TYPE: PRT  
 ; ORGANISM: artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: phage display generated VH or VL region  
 US-10-800-197-121

Query Match 100.0%; Score 62; DB 17; Length 113;  
Best Local Similarity 100.0%; Pred. No. 0.0031;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
DB 23 TRSSGSIASNYVQ 35

RESULT 12  
US-10-106-698-6785  
; Sequence 6785, Application US/10106698  
; Publication No. US20030109690A1  
; GENERAL INFORMATION:  
; APPLICANT: Ruben et al.  
; TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide  
; FILE REFERENCE: PA005P1  
; CURRENT APPLICATION NUMBER: US/10/106,698  
; CURRENT FILING DATE: 2002-03-27  
; PRIOR APPLICATION NUMBER: PC/JUSCO/26524  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US 60/157,137  
; PRIOR FILING DATE: 1999-09-29  
; PRIOR APPLICATION NUMBER: US 60/163,280  
; PRIOR FILING DATE: 1999-11-03  
; NUMBER OF SEQ ID NOS: 8564  
; SOFTWARE: PatentIn Ver. 3.0  
; SEQ ID NO 6785  
; LENGTH: 161  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: MISC FEATURE  
; LOCATION: (149)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
US-10-106-698-6785

Query Match 100.0%; Score 62; DB 14; Length 161;  
Best Local Similarity 100.0%; Pred. No. 0.0045;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
DB 44 TRSSGSIASNYVQ 56

RESULT 13  
US-10-800-197-7  
; Sequence 7, Application US/10800197  
; Publication No. US2004020265SA1  
; GENERAL INFORMATION:  
; APPLICANT: Morton, Philip A et al.  
; TITLE OF INVENTION: ANTIBODIES TO IGF-I RECEPTOR FOR THE TREATMENT OF CANCERS  
; CURRENT APPLICATION NUMBER: US/10/800,197  
; CURRENT FILING DATE: 2004-03-12  
; PRIOR APPLICATION NUMBER: 60/455,094  
; PRIOR FILING DATE: 2003-03-14  
; NUMBER OF SEQ ID NOS: 157  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 7  
; LENGTH: 245  
; TYPE: PRT  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: phase display generated antibody  
US-10-800-197-7

Query Match 100.0%; Score 62; DB 17; Length 245;  
Best Local Similarity 100.0%; Pred. No. 0.007;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13

DB 156 TRSSGSIASNYVQ 168

RESULT 14  
US-10-779-461-36  
; Sequence 36, Application US/10779461  
; Publication No. US2004016654A1  
; GENERAL INFORMATION:  
; APPLICANT: Morton, Philip A  
; TITLE OF INVENTION: ANTIBODIES TO C-MET FOR THE TREATMENT OF CANCERS  
; FILE REFERENCE: 00980/1  
; CURRENT APPLICATION NUMBER: US/10/779,461  
; CURRENT FILING DATE: 2004-02-13  
; PRIOR APPLICATION NUMBER: 60/447,073  
; PRIOR FILING DATE: 2003-02-13  
; NUMBER OF SEQ ID NOS: 161  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 36  
; LENGTH: 251  
; TYPE: PRT  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: phase display generated human antibody  
US-10-779-461-36

Query Match 100.0%; Score 62; DB 16; Length 251;  
Best Local Similarity 100.0%; Pred. No. 0.0071;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
DB 161 TRSSGSIASNYVQ 173

RESULT 15  
US-10-779-461-48  
; Sequence 48, Application US/10779461  
; Publication No. US2004016654A1  
; GENERAL INFORMATION:  
; APPLICANT: Morton, Philip A  
; TITLE OF INVENTION: ANTIBODIES TO C-MET FOR THE TREATMENT OF CANCERS  
; FILE REFERENCE: 00980/1  
; CURRENT APPLICATION NUMBER: US/10/779,461  
; CURRENT FILING DATE: 2004-02-13  
; PRIOR APPLICATION NUMBER: 60/447,073  
; PRIOR FILING DATE: 2003-02-13  
; NUMBER OF SEQ ID NOS: 161  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 48  
; LENGTH: 251  
; TYPE: PRT  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: phase display generated human antibody  
US-10-779-461-48

Query Match 100.0%; Score 62; DB 16; Length 251;  
Best Local Similarity 100.0%; Pred. No. 0.0071;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
DB 161 TRSSGSIASNYVQ 173

Search completed: December 18, 2004, 16:58:09  
Job time : 14.3226 secs



GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 16:11:14 ; Search time 3.41935 Seconds  
(without alignments)  
252.134 Million cell updates/sec

Title: US-09-610-118-64

Perfect score: 62

Sequence: 1 TRSSGSIASNYVQ 13

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

- 1: /cgn2\_6/ptodata/1/aa/5A\_COMB.pep:\*
- 2: /cgn2\_6/ptodata/1/aa/5B\_COMB.pep:\*
- 3: /cgn2\_6/ptodata/1/aa/6A\_COMB.pep:\*
- 4: /cgn2\_6/ptodata/1/aa/6B\_COMB.pep:\*
- 5: /cgn2\_6/ptodata/1/aa/PTUS\_COMB.pep:\*
- 6: /cgn2\_6/ptodata/1/aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	42	67.7	486	4	US-09-270-767-44274
2	39	62.9	13	1	US-07-988-925-4
3	39	62.9	13	2	US-08-362-780-4
4	38	62.9	13	4	US-08-478-684G-4
5	39	62.9	110	1	US-07-988-925-16
6	39	62.9	110	2	US-08-362-780-16
7	39	62.9	110	2	US-08-362-780-26
8	39	62.9	110	4	US-08-478-684G-16
9	39	62.9	130	4	US-08-478-684G-25
10	38	61.3	505	3	US-08-426-509A-17
11	38	61.3	505	4	US-08-232-545-17
12	38	61.3	505	5	PCT-US95-05008-17
13	37	59.7	100	4	US-09-270-767-40573
14	37	59.7	100	4	US-09-270-767-55789
15	37	59.7	169	4	US-09-270-767-36359
16	37	59.7	169	4	US-09-270-767-51576
17	37	59.7	386	4	US-09-248-796A-17565
18	36	58.1	373	4	US-09-543-681A-5564
19	36	58.1	503	4	US-09-679-263-5
20	36	58.1	522	4	US-09-446-301A-49
21	36	58.1	522	4	US-09-099-932-49
22	35	56.5	58	3	US-08-630-915A-131
23	35	56.5	58	4	US-09-879-957-131
24	35	56.5	132	2	US-08-649-991-91
25	35	56.5	132	2	US-08-649-991-92
26	35	56.5	431	4	US-09-071-035-344
27	35	56.5	474	4	US-09-071-035-342

Sequence 5286, Ap  
Sequence 16, Appl  
Sequence 16, Appl  
Sequence 16, Appl  
Sequence 22330, A  
Sequence 1, Appl  
Sequence 2, Appl  
Sequence 9, Appl  
Sequence 9, Appl  
Sequence 9, Appl  
Sequence 9, Appl  
Sequence 2, Appl  
Sequence 3, Appl  
Sequence 8, Appl  
Sequence 3, Appl

4 US-09-134-000C-5286  
3 US-08-426-509A-16  
3 US-08-232-545-16  
5 PCT-US95-05008-16  
4 US-09-252-991A-22330  
3 US-09-070-504-1  
3 US-09-070-504-2  
3 US-09-813-345C-1  
3 US-08-233-389C-9  
3 US-08-486-596A-9  
3 US-09-004-713-9  
3 US-08-619-841-2  
3 US-08-446-929A-2  
3 US-09-070-504-3  
3 US-09-070-504-8  
3 US-09-070-504-9  
4 US-09-813-345C-3

#### ALIGNMENTS

##### RESULT 1

US-09-270-767-44274

; Sequence 44274, Application US/09270767

; Patent No. 6703491

; GENERAL INFORMATION:

; APPLICANT: Homburger et al.

; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*

; FILE REFERENCE: File Reference: 7326-094

; CURRENT APPLICATION NUMBER: US/09/270,767

; CURRENT FILING DATE: 1999-03-17

; NUMBER OF SEQ ID NOS: 62517

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 44274

; LENGTH: 486

; TYPE: PRT

; ORGANISM: *Drosophila melanogaster*

; FEATURE:

; OTHER INFORMATION: Xaa means any amino acid

US-09-270-767-44274

##### Query Match

Best Local Similarity 67.7%; Score 42; DB 4; Length 486;

Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 TRSSGSIASNYV 12

Db 8 TRSEGVIPTSNV 19

##### RESULT 2

US-07-988-925-4

; Sequence 4, Application US/07988925

; Patent No. 5585097

; GENERAL INFORMATION:

; APPLICANT: Bolt, Sarah L

; APPLICANT: Clark, Michael R

; APPLICANT: Gorman, Scott D

; APPLICANT: Routledge, Edward G

; APPLICANT: Waldmann, Herman

; TITLE OF INVENTION: antibody preparation

; NUMBER OF SEQUENCES: 24

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Nixon and Vanderhye pc

; STREET: 11th Floor, 1100 No. 5585097th Glebe Road

; CITY: Arlington

; STATE: Virginia

; COUNTRY: USA

; ZIP: 22201

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/988,925
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GS 9206422.9
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/GB92/01933
; FILING DATE: 21-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mitchard, Leonard C
; REGISTRATION NUMBER: 29009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 7038164000
; TELEFAX: 7038164100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-07-988-925-4

Query Match 62.9%; Score 39; DB 1; Length 13;
Best Local Similarity 66.7%; Pred. No. 0.65;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 1 TLSSGNIENYV 12

RESULT 3
US-08-362-780-4
; Sequence 4, Application US/08362780
; Patent No. 5968509
; GENERAL INFORMATION:
; APPLICANT: Gorman, Scott D
; APPLICANT: Routledge, Edward G
; TITLE OF INVENTION: Antibody Preparation
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vandethye pc
; STREET: 8th Floor, 1100 No. 5968509th Glebe Road
; CITY: Arlington
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22201
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/362,780
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/862,543
; FILING DATE: 23-JUNE-1992
; APPLICATION NUMBER: GE 9021679.7
; FILING DATE: 05-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/GB91/01726
; FILING DATE: 04-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mitchard, Leonard C

```

```

; REGISTRATION NUMBER: 29009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 7038164000
; TELEFAX: 7038164100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-362-780-4

Query Match 62.9%; Score 39; DB 2; Length 13;
Best Local Similarity 66.7%; Pred. No. 0.65;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 1 TLSSGNIENYV 12

RESULT 4
US-08-478-684G-4
; Sequence 4, Application US/08478684G
; Patent No. 6704265
; GENERAL INFORMATION:
; APPLICANT: Bolt, Sarah L
; APPLICANT: Clark, Michael R
; APPLICANT: Gorman, Scott D
; APPLICANT: Routledge, Edward G
; APPLICANT: Waldmann, Herman
; TITLE OF INVENTION: HUMANIZED ANTI-CD3 SPECIFIC ANTIBODIES (as amended)
; FILE REFERENCE: bolt et al
; CURRENT APPLICATION NUMBER: US/08/478,684G
; CURRENT FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 9206422.9
; PRIOR FILING DATE: 1992-03-24
; PRIOR APPLICATION NUMBER: PCT/GB92/01933
; PRIOR FILING DATE: 1992-10-21
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: artificial
; OTHER INFORMATION: peptide
; US-08-478-684G-4

Query Match 62.9%; Score 39; DB 4; Length 13;
Best Local Similarity 66.7%; Pred. No. 0.65;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 1 TLSSGNIENYV 12

RESULT 5
US-07-988-925-16
; Sequence 16, Application US/07988925
; Patent No. 5585097
; GENERAL INFORMATION:
; APPLICANT: Bolt, Sarah L
; APPLICANT: Clark, Michael R
; APPLICANT: Gorman, Scott D
; APPLICANT: Routledge, Edward G
; APPLICANT: Waldmann, Herman
; TITLE OF INVENTION: antibody preparation
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Nixon and Vanderhye pc  
STREET: 11th Floor, 1100 No. 5968509th Glebe Road  
CITY: Arlington  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22201  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/988,925  
FILING DATE: 05-OCT-1990  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206422.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/GB92/01933  
FILING DATE: 21-OCT-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Mitchard, Leonard C  
REGISTRATION NUMBER: 29009  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 7038164000  
TELEFAX: 7038164100  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 110 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-07-988-925-16

Query Match 62.9%; Score 39; DB 1; Length 110;  
Best Local Similarity 66.7%; Pred. No. 7.5;  
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12  
Db 23 TLSSGNIENNYV 34

RESULT 6  
US-08-362-780-16  
Sequence 16, Application US/08362780  
Patent No. 5968509  
GENERAL INFORMATION:  
APPLICANT: Gorman, Scott D  
APPLICANT: Routledge, Edward G  
APPLICANT: Waldmann, Herman  
TITLE OF INVENTION: Antibody Preparation  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye pc  
STREET: 8th Floor, 1100 No. 5968509th Glebe Road  
CITY: Arlington  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22201  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/362,780  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/862,543

FILING DATE: 23-JUNE-1992  
APPLICATION NUMBER: GB 9021679.7  
FILING DATE: 05-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/GB91/01726  
FILING DATE: 04-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Mitchard, Leonard C  
REGISTRATION NUMBER: 29009  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 7038164000  
TELEFAX: 7038164100  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 110 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-362-780-16

Query Match 62.9%; Score 39; DB 2; Length 110;  
Best Local Similarity 66.7%; Pred. No. 7.5;  
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12  
Db 23 TLSSGNIENNYV 34

RESULT 7  
US-08-362-780-26  
Sequence 26, Application US/08362780  
Patent No. 5968509  
GENERAL INFORMATION:  
APPLICANT: Gorman, Scott D  
APPLICANT: Routledge, Edward G  
APPLICANT: Waldmann, Herman  
TITLE OF INVENTION: Antibody Preparation  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye pc  
STREET: 8th Floor, 1100 No. 5968509th Glebe Road  
CITY: Arlington  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22201  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/362,780  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/862,543  
FILING DATE: 23-JUNE-1992  
APPLICATION NUMBER: GB 9021679.7  
FILING DATE: 05-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/GB91/01726  
FILING DATE: 04-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Mitchard, Leonard C  
REGISTRATION NUMBER: 29009  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 7038164000  
TELEFAX: 7038164100  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 110 amino acids

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; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-362-780-26

Query Match      62.9%; Score 39; DB 2; Length 110;
Best Local Similarity 66.7%; Pred. No. 7.5;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 23 TLSSGNIENYV 34

RESULT 8
US-08-478-684G-16
; Sequence 16, Application US/08478684G
; Patent No. 6706265
; GENERAL INFORMATION:
; APPLICANT: Bolt, Sarah L.
; APPLICANT: Clark, Michael R.
; APPLICANT: Gorman, Scott D.
; APPLICANT: Routledge, Edward G.
; APPLICANT: Waldmann, Herman
; TITLE OF INVENTION: HUMANIZED ANTI-CD3 SPECIFIC ANTIBODIES (as amended)
; FILE REFERENCE: bolt et al
; CURRENT APPLICATION NUMBER: US/08/478,684G
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 9206422.9
; PRIOR FILING DATE: 1992-03-24
; PRIOR APPLICATION NUMBER: PCT/GB92/01933
; PRIOR FILING DATE: 1992-10-21
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: artificial
; OTHER INFORMATION: peptide
US-08-478-684G-16

Query Match      62.9%; Score 39; DB 4; Length 110;
Best Local Similarity 66.7%; Pred. No. 7.5;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 23 TLSSGNIENYV 34

RESULT 9
US-08-478-684G-25
; Sequence 25, Application US/08478684G
; Patent No. 6706265
; GENERAL INFORMATION:
; APPLICANT: Bolt, Sarah L.
; APPLICANT: Clark, Michael R.
; APPLICANT: Gorman, Scott D.
; APPLICANT: Routledge, Edward G.
; APPLICANT: Waldmann, Herman
; TITLE OF INVENTION: HUMANIZED ANTI-CD3 SPECIFIC ANTIBODIES (as amended)
; FILE REFERENCE: bolt et al
; CURRENT APPLICATION NUMBER: US/08/478,684G
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 9206422.9
; PRIOR FILING DATE: 1992-03-24
; PRIOR APPLICATION NUMBER: PCT/GB92/01933
; PRIOR FILING DATE: 1992-10-21
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: artificial
; OTHER INFORMATION: peptide
US-08-478-684G-25

Query Match      62.9%; Score 39; DB 4; Length 130;
Best Local Similarity 66.7%; Pred. No. 9.1;
Matches 9; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 23 TLSSGNIENYV 34

RESULT 10
US-08-426-509A-17
; Sequence 17, Application US/08426509A
; Patent No. 6328469
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Gishizky, Mikhail
; APPLICANT: Sures, Iman G.
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
; TITLE OF INVENTION: TYROSINE KINASES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York,
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,509A
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/232,545
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Cortuzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-0074-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEFAX: 212-869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 505 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
US-08-426-509A-17

Query Match      61.3%; Score 38; DB 3; Length 505;
Best Local Similarity 66.7%; Pred. No. 67;
Matches 8; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 101 TRKEGYIPSNYV 112
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RESULT 11
US-08-232-545-17
; Sequence 17, Application US/08232545
; Patent No. 6506578
; GENERAL INFORMATION:
; APPLICANT: Ulrich, Axel
; APPLICANT: Gishizky, Mikhail
; APPLICANT: Sures, Iman G.
; TITLE OF INVENTION: No. 6506578el Megakaryocytic Protein Tyrosine
; TITLE OF INVENTION: Kinases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,545
; FILING DATE: 22-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-050
; TELEPHONE: (212)790-9090
; TELEFAX: (212)869-9741
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 505 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-232-545-17

Query Match 61.3%; Score 38; DB 4; Length 505;
Best Local Similarity 66.7%; Pred. No. 67;
Matches 8; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 101 TRKEGYIPSNV 112

RESULT 12
PCT-US95-05008-17
; Sequence 17, Application PC/TUS9505008
; GENERAL INFORMATION:
; APPLICANT: Sugen, Inc.
; APPLICANT: 515 Galveston Drive
; APPLICANT: Redwood City, California 94063-4720
; APPLICANT: United States of America
; APPLICANT: Hoffgarten E.V.
; APPLICANT: Hoffgarten Str. 2
; APPLICANT: Munchen 80539
; APPLICANT: Germany
; TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
; TITLE OF INVENTION: Kinases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York

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; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05008
; FILING DATE: 24-APR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/232,545
; FILING DATE: 22-APR-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-074
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)790-9090
; TELEFAX: (212)869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 505 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
PCT-US95-05008-17

Query Match 61.3%; Score 38; DB 5; Length 505;
Best Local Similarity 66.7%; Pred. No. 67;
Matches 8; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 101 TRKEGYIPSNV 112

RESULT 13
US-09-270-767-40573
; Sequence 40573, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Horburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7328-034
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 40573
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-40573

Query Match 59.7%; Score 37; DB 4; Length 100;
Best Local Similarity 70.0%; Pred. No. 16;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 RSSGSIASNY 11
Db 55 RNNGHASNY 64

RESULT 14
US-09-270-767-55789
; Sequence 55789, Application US/09270767

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; Patent No. 6703491  
; GENERAL INFORMATION:  
; APPLICANT: Homburger et al.  
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
; FILE REFERENCE: File Reference: 7326-094  
; CURRENT APPLICATION NUMBER: US/09/270,767  
; CURRENT FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 62517  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 55789  
; LENGTH: 100  
; TYPE: PRT  
; ORGANISM: Drosophila melanogaster  
; FEATURE:  
; OTHER INFORMATION: Xaa means any amino acid  
US-09-270-767-55789

Query Match 59.7%; Score 37; DB 4; Length 100;  
Best Local Similarity 70.0%; Pred. No. 16;  
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
QY 2 RSSGSIASNY 11  
|::|  
Db 55 RNNGHIASNY 64

RESULT 15  
US-09-270-767-36359  
; Sequence 36359, Application US/09270767  
; Patent No. 6703491  
; GENERAL INFORMATION:  
; APPLICANT: Homburger et al.  
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
; FILE REFERENCE: File Reference: 7326-094  
; CURRENT APPLICATION NUMBER: US/09/270,767  
; CURRENT FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 62517  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 36359  
; LENGTH: 169  
; TYPE: PRT  
; ORGANISM: Drosophila melanogaster  
; FEATURE:  
; OTHER INFORMATION: Xaa means any amino acid  
US-09-270-767-36359

Query Match 59.7%; Score 37; DB 4; Length 169;  
Best Local Similarity 63.6%; Pred. No. 29;  
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;  
QY 1 TRSGSIASNY 11  
|::|  
Db 50 TRSGSLAHRY 60

Search completed: December 18, 2004, 16:21:52  
Job time : 5.41935 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: December 18, 2004, 18:06:17 ; Search time 141 Seconds

(without alignments)  
32.992 Million cell updates/sec

Title: US-09-610-118-64

Perfect score: 62

Sequence: 1 TRSSGSIASNYVQ 13

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Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 219403

Minimum DB seq length: 0

Maximum DB seq length: 13

Post-Processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:\*

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- 2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*
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- 9: /cgn2\_6/ptodata/2/pubpaa/US09A\_PUBCOMB.pep.\*
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- 19: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*
- 20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	62	100.0	13	9	US-09-832-312-64
2	62	100.0	13	11	US-09-829-495-64
3	55	88.7	13	10	US-09-972-656-2
4	54	87.1	13	10	US-09-972-656-3
5	53	85.5	13	17	US-10-741-481-20
6	52	83.9	13	17	US-10-396-578-41
7	50	80.6	13	10	US-09-972-656-1
8	50	80.6	13	15	US-10-425-855-11
9	47	75.8	13	10	US-09-972-656-9
10	40	64.5	13	17	US-10-396-578-95
11	39	62.9	13	9	US-09-736-371B-8
12	39	62.9	13	13	US-10-060-714-4
13	39	62.9	13	15	US-10-463-442-8
					Sequence 64, Appl
					Sequence 64, Appl
					Sequence 2, Appl
					Sequence 3, Appl
					Sequence 20, Appl
					Sequence 41, Appl
					Sequence 1, Appl
					Sequence 11, Appl
					Sequence 9, Appl
					Sequence 95, Appl
					Sequence 8, Appl
					Sequence 4, Appl
					Sequence 8, Appl

Sequence 4, Appl  
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Sequence 23, Appl  
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Sequence 68, Appl  
Sequence 78, Appl  
Sequence 84, Appl  
Sequence 18, Appl  
Sequence 20, Appl  
Sequence 371, Appl  
Sequence 560, Appl  
Sequence 567, Appl  
Sequence 7, Appl  
Sequence 99, Appl  
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Sequence 59, Appl  
Sequence 97, Appl  
Sequence 27, Appl  
Sequence 549, Appl  
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Sequence 16, Appl  
Sequence 14, Appl  
Sequence 30, Appl  
Sequence 34, Appl  
Sequence 35, Appl  
Sequence 39, Appl  
Sequence 38, Appl  
Sequence 40, Appl  
Sequence 41, Appl  
Sequence 42, Appl  
Sequence 11, Appl  
Sequence 62, Appl

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US-10-327-598-560  
US-10-327-598-567  
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US-09-828-708-38  
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US-10-001-934-62

#### ALIGNMENTS

#### RESULT 1

US-09-832-312-64  
; Sequence 64, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; PRIOR FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ IDS NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 64:  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-64

Query Match 100.0%; Score 62; DB 9; Length 13;  
Best Local Similarity 100.0%; Pred. No. 0.00031;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13

Db 1 TRSSGSIASNYVQ 13

#### RESULT 2

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US-09-829-495-64
; Sequence 64, Application US/09829495
; Publication No. US20040001828A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; PRIOR FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 64
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-829-495-64

Query Match 100.0%; Score 62; DB 11; Length 13;
Best Local Similarity 100.0%; Pred. No. 0.00031;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TRSSGSIASNYVQ 13
Db 1 TRSSGSIASNYVQ 13

RESULT 3
US-09-972-656-2
; Sequence 2, Application US/09972656
; Publication No. US20030099647A1
; GENERAL INFORMATION:
; APPLICANT: Deshpande, Rajendra
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma
; FILE REFERENCE: A-799
; CURRENT APPLICATION NUMBER: US/09/972,656
; CURRENT FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-972-656-2

Query Match 88.7%; Score 55; DB 10; Length 13;
Best Local Similarity 92.3%; Pred. No. 0.0056;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TRSSGSIASNYVQ 13
Db 1 TGSSGSIASNYVQ 13

RESULT 4
US-09-972-656-3
; Sequence 3, Application US/09972656
; Publication No. US20030099647A1
; GENERAL INFORMATION:
; APPLICANT: Deshpande, Rajendra
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma
; FILE REFERENCE: A-799
; CURRENT APPLICATION NUMBER: US/09/972,656
; CURRENT FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-972-656-3

Query Match 87.1%; Score 54; DB 10; Length 13;
Best Local Similarity 92.3%; Pred. No. 0.0085;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TRSSGSIASNYVQ 13
Db 1 TRSSGSIASNYVQ 13

RESULT 5
US-10-741-481-20
; Sequence 20, Application US/10741481
; Publication No. US20040213795A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary et al.
; TITLE OF INVENTION: ANTIBODIES AGAINST PD-1 AND USES THEREFOR
; FILE REFERENCE: 08702.0098-00000
; CURRENT APPLICATION NUMBER: US/10/741,481
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-741-481-20

Query Match 85.5%; Score 53; DB 17; Length 13;
Best Local Similarity 92.3%; Pred. No. 0.013;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TRSSGSIASNYVQ 13
Db 1 TRSSGSIASNSVQ 13

RESULT 6
US-10-396-578-41
; Sequence 41, Application US/10396578
; Publication No. US20040191260A1
; GENERAL INFORMATION:
; APPLICANT: Reiter, Yoram
; APPLICANT: Cohen, Cyril
; TITLE OF INVENTION: COMPOSITIONS CAPABLE OF SPECIFICALLY BINDING PARTICULAR HUMAN
; TITLE OF INVENTION: ANTIGEN PRESENTING MOLECULE/PATHOGEN-DERIVED ANTIGEN COMPLEXES
; FILE REFERENCE: 25563
; CURRENT APPLICATION NUMBER: US/10/396,578
; CURRENT FILING DATE: 2003-03-26
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE: Sequence of complementarity determining region of Fab
; OTHER INFORMATION: specifically binding H1A-A2/Tax11-19 complex.

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US-10-396-578-41

Query Match 83.9%; Score 52; DB 17; Length 13;  
Best Local Similarity 84.6%; Pred. No. 0.019;  
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
| | | | | | | | | | | | |  
Db 1 TGSSGSIANNYVQ 13

RESULT 7

US-09-972-656-1  
; Sequence 1, Application US/09972656  
; Publication No. US20030099647A1  
; GENERAL INFORMATION:  
; APPLICANT: Deshpande, Rajendra  
; APPLICANT: Tsai, Mei-Mei  
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma  
; TITLE OF INVENTION: Neutralizing Activity  
; FILE REFERENCE: A-799  
; CURRENT APPLICATION NUMBER: US/09/972,656  
; CURRENT FILING DATE: 2001-10-05  
; NUMBER OF SEQ ID NOS: 135  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-972-656-1

Query Match 80.6%; Score 50; DB 10; Length 13;  
Best Local Similarity 84.6%; Pred. No. 0.044;  
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
| | | | | | | | | | | | |  
Db 1 TGSSGSIASHYVQ 13

RESULT 8

US-10-425-855-11  
; Sequence 11, Application US/10425855  
; Publication No. US20040005324A1  
; GENERAL INFORMATION:  
; APPLICANT: FILKINGTON, GLENN  
; APPLICANT: GILMOUR, PAGE  
; APPLICANT: CHANOCK, ROBERT  
; APPLICANT: CROWE, JAMES  
; APPLICANT: MURPHY, BRIAN  
; TITLE OF INVENTION: NEUTRALIZING MONOCLONAL ANTIBODIES TO RESPIRATORY  
; TITLE OF INVENTION: SYNCYTIAL VIRUS  
; FILE REFERENCE: I8602.0007/P007-A  
; CURRENT APPLICATION NUMBER: US/10/425,855  
; CURRENT FILING DATE: 2003-04-30  
; PRIOR APPLICATION NUMBER: 09/043,530  
; PRIOR FILING DATE: 1998-10-09  
; PRIOR APPLICATION NUMBER: 60/003,931  
; PRIOR FILING DATE: 1995-09-18  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-425-855-11

Query Match 80.6%; Score 50; DB 15; Length 13;  
Best Local Similarity 76.9%; Pred. No. 0.044;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYVQ 13  
| | | | | | | | | | | | |

Db 1 TRAGGRIASNYVQ 13

RESULT 9

US-09-972-656-9  
; Sequence 9, Application US/09972656  
; Publication No. US20030099647A1  
; GENERAL INFORMATION:  
; APPLICANT: Deshpande, Rajendra  
; APPLICANT: Tsai, Mei-Mei  
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma  
; TITLE OF INVENTION: Neutralizing Activity  
; FILE REFERENCE: A-799  
; CURRENT APPLICATION NUMBER: US/09/972,656  
; CURRENT FILING DATE: 2001-10-05  
; NUMBER OF SEQ ID NOS: 135  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-972-656-9

Query Match 75.8%; Score 47; DB 10; Length 13;  
Best Local Similarity 83.3%; Pred. No. 0.15;  
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12  
| | | | | | | | | | | | |  
Db 1 TGSSGSIANNYV 12

RESULT 10

US-10-396-578-95  
; Sequence 95, Application US/10396578  
; Publication No. US20040191260A1  
; GENERAL INFORMATION:  
; APPLICANT: Reiter, Yoram  
; APPLICANT: Cohen, Cyril J.  
; TITLE OF INVENTION: COMPOSITIONS CAPABLE OF SPECIFICALLY BINDING PARTICULAR HUMAN  
; TITLE OF INVENTION: ANTIGEN PRESENTING MOLECULES/PATHOGEN-DERIVED ANTIGEN COMPLEXES  
; TITLE OF INVENTION: AND USES THEREOF  
; FILE REFERENCE: 25563  
; CURRENT APPLICATION NUMBER: US/10/396,578  
; CURRENT FILING DATE: 2003-03-26  
; NUMBER OF SEQ ID NOS: 97  
; SOFTWARE: Patent in version 3.2  
; SEQ ID NO 95  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Sequence of complementarity determining region of Fab  
; OTHER INFORMATION: specifically binding HLA-A2/Tax11-19 complex.  
US-10-396-578-95

Query Match 64.5%; Score 40; DB 17; Length 13;  
Best Local Similarity 72.7%; Pred. No. 2.7;  
Matches 8; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 SSGSIASNYVQ 13  
| | | | | | | | | | | | |  
Db 3 SGGDIASNFVQ 13

RESULT 11

US-09-736-371B-8  
; Sequence 8, Application US/09736371B  
; Patent No. US20020131966A1  
; GENERAL INFORMATION:  
; APPLICANT: Waldmann, Herman  
; APPLICANT: Frewin, Mark  
; TITLE OF INVENTION: AGLYCOSYLATED ANTIBODIES

FILE REFERENCE: Walgmann  
; CURRENT APPLICATION NUMBER: US/09/736,371B  
; CURRENT FILING DATE: 2002-04-25  
; PRIOR APPLICATION NUMBER: 9815909.8  
; PRIOR FILING DATE: 1998-07-21  
; PRIOR APPLICATION NUMBER: PCT/GB99/02380  
; PRIOR FILING DATE: 1999-07-21  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Rattus  
US-09-736-371B-8

Query Match 62.9%; Score 39; DB 9; Length 13;  
Best Local Similarity 66.7%; Pred. No. 4.1;  
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TRSSGSIASNYV 12  
Db 1 TLSSGNIENYV 12

## RESULT 12

US-10-060-714-4  
; Sequence 4, Application US/10060714  
; Publication No. US20020147312A1  
; GENERAL INFORMATION:  
; APPLICANT: Rao, Pat  
; APPLICANT: O'Keefe, Theresa  
; TITLE OF INVENTION: HYBRID ANTIBODIES AND USES THEREOF  
; FILE REFERENCE: 10448-039001  
; CURRENT APPLICATION NUMBER: US/10/060,714  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: 60/265,914  
; PRIOR FILING DATE: 2001-02-02  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Rattus norvegicus  
US-10-060-714-4

Query Match 62.9%; Score 39; DB 13; Length 13;  
Best Local Similarity 66.7%; Pred. No. 4.1;  
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TRSSGSIASNYV 12  
Db 1 TLSSGNIENYV 12

## RESULT 13

US-10-463-442-8  
; Sequence 8, Application US/10463442  
; Publication No. US20040006216A1  
; GENERAL INFORMATION:  
; APPLICANT: Walgmann, Herman  
; APPLICANT: Frewin, Mark  
; TITLE OF INVENTION: AGLYCOSYLATED ANTIBODIES  
; FILE REFERENCE: Walgmann  
; CURRENT APPLICATION NUMBER: US/10/463,442  
; CURRENT FILING DATE: 2003-06-18  
; PRIOR APPLICATION NUMBER: 09/736,371  
; PRIOR FILING DATE: 2000-12-15  
; PRIOR APPLICATION NUMBER: 9815909.8  
; PRIOR FILING DATE: 1998-07-21  
; PRIOR APPLICATION NUMBER: PCT/GB99/02380  
; PRIOR FILING DATE: 1999-07-21  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 8  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Rattus  
US-10-463-442-8

Query Match 62.9%; Score 39; DB 15; Length 13;  
Best Local Similarity 66.7%; Pred. No. 4.1;  
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TRSSGSIASNYV 12  
Db 1 TLSSGNIENYV 12

## RESULT 14

US-10-743-423B-4  
; Sequence 4, Application US/10743423B  
; Publication No. US20040202657A1  
; GENERAL INFORMATION:  
; APPLICANT: BOLT, SARAH L.  
; APPLICANT: CLARK, MICHAEL R.  
; APPLICANT: GORMAN, SCOTT D.  
; APPLICANT: ROUTLEDGE, EDWARD G.  
; APPLICANT: WALDMANN, HERMAN  
; TITLE OF INVENTION: ANTIBODY PREPARATION  
; FILE REFERENCE: 604-704  
; CURRENT APPLICATION NUMBER: US/10/743,423B  
; CURRENT FILING DATE: 2003-12-23  
; PRIOR APPLICATION NUMBER: 08/478,684  
; PRIOR FILING DATE: 1998-06-07  
; PRIOR APPLICATION NUMBER: 9206422.9  
; PRIOR FILING DATE: 1992-03-24  
; PRIOR APPLICATION NUMBER: PCT/GB92/01933  
; PRIOR FILING DATE: 1992-10-21  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: peptide  
US-10-743-423B-4

Query Match 62.9%; Score 39; DB 17; Length 13;  
Best Local Similarity 66.7%; Pred. No. 4.1;  
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TRSSGSIASNYV 12  
Db 1 TLSSGNIENYV 12

## RESULT 15

US-10-327-598-568  
; Sequence 568, Application US/10327598  
; Publication No. US20040181039A1  
; GENERAL INFORMATION:  
; APPLICANT: Krah, Eugene  
; APPLICANT: Guo, Hongliang  
; APPLICANT: Aiyappa, Ashok  
; APPLICANT: Lawton, Robert  
; TITLE OF INVENTION: Canine Immunoglobulin Variable Domains, Caninized Antibodies, and  
; TITLE OF INVENTION: For Making and Using Them  
; FILE REFERENCE: 01-799-A  
; CURRENT APPLICATION NUMBER: US/10/327,598  
; CURRENT FILING DATE: 2002-12-20  
; PRIOR APPLICATION NUMBER: US 60/344,874  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 1139  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 568  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: canis familiaris;  
US-10-327-598-568

Query Match 61.3%; Score 38; DB 16; Length 13;  
Best Local Similarity 66.7%; Pred. No. 6.1;  
Matches 8; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12  
||| |  
Db 1 TRSSNIAGYV 12

Search completed: December 18, 2004, 18:20:03  
Job time : 142 secs

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```
Best Local Similarity 66.7%; Pred. No. 0.65;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 1 TLSSGNIENNYV 12

RESULT 2
US-08-362-780-4
; Sequence 4, Application US/08362780
; Patent No. 5968509
; GENERAL INFORMATION:
; APPLICANT: Gorman, Scott D
; APPLICANT: Routledge, Edward G
; APPLICANT: Waldmann, Herman
; TITLE OF INVENTION: Antibody Preparation
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye PC
; STREET: 8th Floor, 1100 No. 5968509th Glebe Road
; City: Arlington
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22201
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk.
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/362,780
; FILING DATE:
; CLASSIFICATION: 424
; PRIORITY DATA:
; APPLICATION NUMBER: 07/862,543
; FILING DATE: 23-JUNE-1992
; APPLICATION NUMBER: GB 9021679.7
; FILING DATE: 05-OCT-1990
; PRIORITY DATA:
; APPLICATION NUMBER: WO PCT/GB91/01726
; FILING DATE: 04-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mitchard, Leonard C
; REGISTRATION NUMBER: 29009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 7038164000
; TELEFAX: 7038164100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
;
US-08-362-780-4

Query Match 62.9%; Score 39; DB 2; Length 13;
Best Local Similarity 66.7%; Pred. No. 0.65;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 1 TLSSGNIENNYV 12

RESULT 3
US-08-478-684G-4
; Sequence 4, Application US/08478684G
; Patent No. 6706265
; GENERAL INFORMATION:
; APPLICANT: Bolt, Sarah L.
; APPLICANT: Clark, Michael R.
; APPLICANT: Gorman, Scott D.
; APPLICANT: Routledge, Edward G.
; APPLICANT: Waldmann, Herman
; TITLE OF INVENTION: HUMANIZED ANTI-CD3 SPECIFIC ANTIBODIES (as amended)
; FILE REFERENCE: Bolt et al
; CURRENT APPLICATION NUMBER: US/08/478,684G
; CURRENT FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 9206422.9
; PRIOR FILING DATE: 1992-03-24
; PRIOR APPLICATION NUMBER: PCT/GB92/01933
; PRIOR FILING DATE: 1992-10-21
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: artificial
; OTHER INFORMATION: peptide
US-08-478-684G-4

Query Match 62.9%; Score 39; DB 4; Length 13;
Best Local Similarity 66.7%; Pred. No. 0.65;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 TRSSGSIASNYV 12
Db 1 TLSSGNIENNYV 12

RESULT 4
US-09-563-222C-11
; Sequence 11, Application US/09563222C
; Patent No. 6696620
; GENERAL INFORMATION:
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICHAEL B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 568904-0501
; CURRENT APPLICATION NUMBER: US/09/563,222C
; CURRENT FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 12
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-563-222C-11

Query Match 46.8%; Score 29; DB 4; Length 12;
Best Local Similarity 45.5%; Pred. No. 41;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 2 RSSGSIASNYV 12
Db 1 RASQSVSSSYL 11

RESULT 5
US-09-383-667-13
; Sequence 13, Application US/09383667
; Patent No. 6624295
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia W.
; APPLICANT: Devaux, Brigitte
; APPLICANT: Eaton, Dan L.
; APPLICANT: Hass, Philip E.
```

```

; APPLICANT: Judice, J. Kevin
; APPLICANT: Kirchhofer, Daniel
; APPLICANT: Suggett, Shelley
; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies
; FILE REFERENCE: P1661R2
; CURRENT APPLICATION NUMBER: US/09/383,667
; CURRENT FILING DATE: 1999-08-26
; EARLIER APPLICATION NUMBER: US 60/098,233
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: US 60/122,767
; EARLIER FILING DATE: 1999-03-03
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 13
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-383-667-13

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Query Match      45.2%; Score 28; DB 4; Length 13;
Best Local Similarity 50.0%; Pred. No. 69;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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QY 3 SSGSIASNYV 12
Db 3 STSNGNNYV 12

```

```

RESULT 6
US-09-524-435-10
; Sequence 10, Application US/09524435
; Patent No. 6365366
; GENERAL INFORMATION:
; APPLICANT: Cao, Zhaodan
; TITLE OF INVENTION: T2K Kinase Assays
; FILE REFERENCE: T00-003
; CURRENT APPLICATION NUMBER: US/09/524,435
; CURRENT FILING DATE: 2000-03-13
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-524-435-10

```

```

Query Match      43.5%; Score 27; DB 3; Length 13;
Best Local Similarity 62.5%; Pred. No. 1.1e+02;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

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```

QY 5 GSIAASNYV 12
Db 4 GSIAASFV 11

```

```

RESULT 7
US-09-192-854-122
; Sequence 122, Application US/09192854
; Patent No. 6696245
; GENERAL INFORMATION:
; APPLICANT: Winter, Greg
; APPLICANT: Tomlinson, Ian
; TITLE OF INVENTION: Methods for Selecting Functional Peptides
; FILE REFERENCE: 3789/72916
; CURRENT APPLICATION NUMBER: US/09/192,854
; CURRENT FILING DATE: 1998-11-17
; EARLIER APPLICATION NUMBER: 60/066,729
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 122

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; LENGTH: 11
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-192-854-122

```

```

Query Match      41.9%; Score 25; DB 4; Length 11;
Best Local Similarity 66.7%; Pred. No. 1.3e+02;
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

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```

QY 2 RSSGSIASN 10
Db 1 RASQSIAXN 9

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```

RESULT 8
US-09-563-222C-35
; Sequence 35, Application US/09563222C
; Patent No. 6696620
; GENERAL INFORMATION:
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICHAEL B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/09/563,222C
; CURRENT FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 35
; LENGTH: 12
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222C-35

```

```

Query Match      41.9%; Score 26; DB 4; Length 12;
Best Local Similarity 40.0%; Pred. No. 1.5e+02;
Matches 4; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

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```

QY 3 SSGSIASNYV 12
Db 2 ASSSVSSSYL 11

```

```

RESULT 9
US-09-149-476-706
; Sequence 706, Application US/09149476
; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002F1
; CURRENT APPLICATION NUMBER: US/09/149,476
; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: PCT/US98/04493
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07

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; EARLIER APPLICATION NUMBER: 60/056,632
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,664
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,876
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,881
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,909
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,875
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,862
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,887
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,908
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-05
; EARLIER APPLICATION NUMBER: 60/057,650
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/056,884
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/057,669
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/049,610
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/061,060
; EARLIER FILING DATE: 1997-10-02

```

```

Query Match 40.3%; Score 25; DB 4; Length 10;
Best Local Similarity 30.0%; Pred. No. 1.8e+02;
Matches 3; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

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```

QY 3 SSGSIASNYV 12
Db 1 NDRGVSNFI 10

```

```

RESULT 10
US-09-710-419-49
; Sequence 49, Application US/09710419
; Patent No. 6750200
; GENERAL INFORMATION:
; APPLICANT: Tomich, John
; APPLICANT: Iwamoto, Takeo
; APPLICANT: Broughman, James
; APPLICANT: Schultz, Bruce
; TITLE OF INVENTION: M2GLYR DERIVED CHANNEL FORMING PEPTIDES
; FILE REFERENCE: 30917
; CURRENT APPLICATION NUMBER: US/09/710,419
; CURRENT FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 49
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Modified Homo sapiens
US-09-710-419-49

```

```

Query Match 40.3%; Score 25; DB 4; Length 11;
Best Local Similarity 75.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 TRSSGSIA 8
Db 4 TQSSGSRA 11

```

```

RESULT 11
US-09-524-435-8
; Sequence 8, Application US/09524435

```

```

; Patent No. 6365366
; GENERAL INFORMATION:
; APPLICANT: Cao, Zhaodan
; TITLE OF INVENTION: T2K Kinase Assays
; FILE REFERENCE: T00-003
; CURRENT APPLICATION NUMBER: US/09/524,435
; CURRENT FILING DATE: 2000-03-13
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-524-435-8

```

```

Query Match 40.3%; Score 25; DB 3; Length 13;
Best Local Similarity 50.0%; Pred. No. 2.5e+02;
Matches 4; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 5 GSIASNYV 12
Db 4 GSIAASFV 11

```

```

RESULT 12
US-09-424-840-40
; Sequence 40, Application US/09424840
; Patent No. 6790938
; GENERAL INFORMATION:
; APPLICANT: BERTCHOLD, Peter
; APPLICANT: ESCHER, Robert F.A.
; TITLE OF INVENTION: Anti-GPIIb/IIIa Recombinant Antibodies
; FILE REFERENCE: 100564-09049
; CURRENT APPLICATION NUMBER: US/09/424,840
; CURRENT FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: DE 19723904.8
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: DE 19755227.7
; PRIOR FILING DATE: 1997-12-12
; PRIOR APPLICATION NUMBER: DE 19820663.1
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 40
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-424-840-40

```

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Query Match 40.3%; Score 25; DB 4; Length 13;
Best Local Similarity 50.0%; Pred. No. 2.5e+02;
Matches 6; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

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QY 3 SSGSIASNYV 12
Db 3 SSSNIGSNTV 12

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RESULT 13
US-08-895-590-17
; Sequence 17, Application US/08895590
; Patent No. 6207410
; GENERAL INFORMATION:
; APPLICANT: Hall, Linda M.
; APPLICANT: Ren, Dejian
; APPLICANT: Zheng, Wei
; APPLICANT: Dubaid, Manuel Marcel Paul
; TITLE OF INVENTION: Genes Encoding an Insect Calcium Channel
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:

```

ADDRESSES: BURNS, DOANE, SWECKER & MATHIS, LLP  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314-3187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/895,590  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/374,888  
FILING DATE: 19-JAN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: McGowan, Malcolm M.  
REGISTRATION NUMBER: 39,300  
REFERENCE/DOCKET NUMBER: 022650-263  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-895-590-17

Query Match 38.7%; Score 24; DB 3; Length 13;  
Best Local Similarity 71.4%; Pred. No. 3.8e+02;  
Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 GSASNY 11  
DB 7 GSADSNY 13

RESULT 14  
US-07-942-245-495  
Sequence 495, Application US/07942245  
Patent No. 5639641  
GENERAL INFORMATION:  
APPLICANT: PEDERSEN, Jan T.  
APPLICANT: SEARLE, Stephen M.J.  
APPLICANT: REES, Anthony R.  
APPLICANT: ROGUSKA, Michael A.  
APPLICANT: GUILD, Braydon C.  
TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
NUMBER OF SEQUENCES: 522  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: United States  
ZIP: 20037-3202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: HP 9000/700 Workstation  
OPERATING SYSTEM: UNIX  
SOFTWARE: In house  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/942,245  
FILING DATE: 09-SEP-1992  
CLASSIFICATION: 530  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 293-7060

TELEFAX: (202) 293-7860  
TELEX: 6491103  
INFORMATION FOR SEQ ID NO: 495:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 11 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-07-942-245-495

Query Match 37.9%; Score 23.5; DB 1; Length 11;  
Best Local Similarity 54.5%; Pred. No. 3.9e+02;  
Matches 6; Conservative 3; Mismatches 1; Indels 1; Gaps 1;

QY 2 RSSGSIASNYV 12  
DB 1 RASGNI-HNYL 10

RESULT 15  
US-08-024-253-16  
Sequence 16, Application US/08024253  
Patent No. 5785968  
GENERAL INFORMATION:  
APPLICANT: KIMACHI, Kazuhiko  
APPLICANT: MAEDA, Hiroaki  
APPLICANT: NISHIYAMA, Kiyoto  
APPLICANT: TOKIYOSHI, Sachio  
APPLICANT: TOHYA, Yukinobu  
APPLICANT: MIKAMI, Takeshi  
TITLE OF INVENTION: ANTI-FELINE CALCIVIRUS RECOMBINANT  
TITLE OF INVENTION: ANTIBODY AND GENE FRAGMENT ENCODING THE SAME  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: WEGNER, CANTOR, MUELLER & PLAYER  
STREET: 1233 20th Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20036-8218  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/024,253  
FILING DATE: 19930301  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 79189/1992  
FILING DATE: 28-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: CANTOR, Herbert I.  
REGISTRATION NUMBER: 24,392  
REFERENCE/DOCKET NUMBER: P-500-23744  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-0400  
TELEFAX: (202) 835-0605  
TELEX: 440706 WEGBR  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 11 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-024-253-16

Query Match 37.9%; Score 23.5; DB 1; Length 11;  
Best Local Similarity 54.5%; Pred. No. 3.9e+02;  
Matches 6; Conservative 3; Mismatches 1; Indels 1; Gaps 1;

QY 2 RSSGSIASNYV 12

Db           |:|:|   |:|:  
              1 RASGN1-HNYL 10

Search completed: December 18, 2004, 18:09:24  
Job time : 39 secs

**This Page Blank (uspto)**

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 16:16:45 ; Search time 7.71216 Seconds  
(without alignments)  
324.792 Million cell updates/sec

Title: US-09-610-118-65

Perfect score: 38

Sequence: 1 EDNQRPS 7

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 1589859

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*  
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18: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/2/pubpaa/US50\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/2/pubpaa/US50\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	38	100.0	7	9 US-09-832-312-65	Sequence 65, Appl
2	38	100.0	7	10 US-09-972-656-13	Sequence 13, Appl
3	38	100.0	7	11 US-09-829-495-65	Sequence 65, Appl
4	38	100.0	7	17 US-10-741-481-21	Sequence 21, Appl
5	38	100.0	98	14 US-10-308-817-117	Sequence 117, Appl
6	38	100.0	98	15 US-10-453-698-117	Sequence 117, Appl
7	38	100.0	103	10 US-09-972-656-130	Sequence 130, Appl
8	38	100.0	108	16 US-10-779-461-158	Sequence 158, Appl
9	38	100.0	108	17 US-10-800-197-156	Sequence 156, Appl
10	38	100.0	110	14 US-10-269-805-42	Sequence 42, Appl
11	38	100.0	110	14 US-10-269-805-52	Sequence 52, Appl
12	38	100.0	110	14 US-10-269-805-58	Sequence 58, Appl
13	38	100.0	110	14 US-10-371-942-56	Sequence 56, Appl

38	100.0	110	17	US-10-741-481-4	Sequence 4, Appl
38	100.0	111	16	US-10-779-461-141	Sequence 141, Appl
38	100.0	111	17	US-10-800-197-152	Sequence 152, Appl
38	100.0	112	14	US-10-371-942-48	Sequence 48, Appl
38	100.0	112	16	US-10-779-461-143	Sequence 143, Appl
38	100.0	161	14	US-10-106-698-6785	Sequence 6785, Appl
38	100.0	216	10	US-09-972-656-108	Sequence 108, Appl
38	100.0	249	16	US-10-779-461-42	Sequence 42, Appl
38	100.0	250	16	US-10-779-461-8	Sequence 8, Appl
38	100.0	251	16	US-10-779-461-25	Sequence 25, Appl
38	100.0	251	16	US-10-779-461-36	Sequence 36, Appl
38	100.0	251	16	US-10-779-461-48	Sequence 48, Appl
38	100.0	251	16	US-10-779-461-49	Sequence 49, Appl
38	100.0	251	16	US-10-779-461-56	Sequence 56, Appl
38	100.0	255	16	US-10-779-461-17	Sequence 17, Appl
38	100.0	258	14	US-09-880-748-1234	Sequence 1234, Appl
38	100.0	258	14	US-10-293-418-1234	Sequence 1234, Appl
35	92.1	250	16	US-10-779-461-11	Sequence 11, Appl
35	92.1	251	16	US-10-779-461-51	Sequence 51, Appl
34	89.5	7	15	US-10-425-855-13	Sequence 13, Appl
34	89.5	109	15	US-10-425-855-9	Sequence 9, Appl
34	89.5	112	17	US-10-800-197-133	Sequence 133, Appl
34	89.5	113	17	US-10-800-197-121	Sequence 121, Appl
34	89.5	114	9	US-09-925-399-1194	Sequence 1194, Appl
34	89.5	114	10	US-09-925-299-1194	Sequence 1194, Appl
34	89.5	233	16	US-10-312-354-38	Sequence 38, Appl
34	89.5	243	16	US-10-322-673-55	Sequence 55, Appl
34	89.5	244	10	US-09-880-748-1842	Sequence 1842, Appl
34	89.5	244	14	US-10-293-418-1842	Sequence 1842, Appl
34	89.5	245	17	US-10-800-197-7	Sequence 7, Appl
34	89.5	247	17	US-10-800-197-14	Sequence 14, Appl
34	89.5	1439	16	US-10-437-963-182772	Sequence 182772, Appl

#### ALIGNMENTS

RESULT 1  
US-09-832-312-65  
; Sequence 65, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7833-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; PRIOR FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 65  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-65

Query Match 100.0%; Score 38; DB 9; Length 7;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNQRPS 7

Db 1 EDNQRPS 7

RESULT 2

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US-09-972-656-13
; Sequence 13, Application US/09972656
; Publication No. US20030099647A1
; GENERAL INFORMATION:
; APPLICANT: Deshpande, Rajendra
; APPLICANT: Tsai, Mei-Mei
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma
; FILE REFERENCE: Neutralizing Activity
; CURRENT FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-972-656-13

Query Match      100.0%; Score 38; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 EDNQRPS 7
Db      1 EDNQRPS 7

RESULT 3
US-09-929-495-65
; Sequence 65, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Petrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-929-495-65

Query Match      100.0%; Score 38; DB 11; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 EDNQRPS 7
Db      1 EDNQRPS 7

RESULT 4
US-10-741-481-21
; Sequence 21, Application US/10741481
; Publication No. US20040213795A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary et al.
; TITLE OF INVENTION: ANTIBODIES AGAINST PD-1 AND USES THEREFOR
; FILE REFERENCE: 08702,0098-00000
; CURRENT APPLICATION NUMBER: US/10/741,481
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-741-481-21

Query Match      100.0%; Score 38; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 EDNQRPS 7
Db      1 EDNQRPS 7

RESULT 5
US-10-308-817-117
; Sequence 117, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 117
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-117

Query Match      100.0%; Score 38; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 5.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 EDNQRPS 7
Db      51 EDNQRPS 57

RESULT 6
US-10-453-698-117
; Sequence 117, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 117
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-117

Query Match      100.0%; Score 38; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 5.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 EDNQRPS 7
Db      51 EDNQRPS 57

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Db          51 EDNRPS 57
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RESULT 7
US-09-972-656-130
; Sequence 130, Application US/09972656
; Publication No. US20030099647A1
; GENERAL INFORMATION:
; APPLICANT: Deshpande, Rajendra
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma
; FILE REFERENCE: A-799
; CURRENT FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 130
; LENGTH: 103
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: Misc.
; LOCATION: (7)
; OTHER INFORMATION: Unidentified
; NAME/KEY: Misc.
; LOCATION: (33)..(33)
; OTHER INFORMATION: Unidentified
; NAME/KEY: Misc.
; LOCATION: (34)..(34)
; OTHER INFORMATION: Unidentified
; NAME/KEY: Misc.
; LOCATION: (35)..(35)
; OTHER INFORMATION: Unidentified
; NAME/KEY: Misc.
; LOCATION: (36)..(36)
; OTHER INFORMATION: Unidentified
US-09-972-656-130
Query Match          100.0%; Score 39; DB 10; Length 103;
Best Local Similarity 100.0%; Pred. No. 5.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNRPS 7
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Db          56 EDNRPS 62
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RESULT 8
US-10-779-461-158
; Sequence 158, Application US/10779461
; Publication No. US20040166544A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A
; TITLE OF INVENTION: ANTIBODIES TO C-MET FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 00980/1
; CURRENT APPLICATION NUMBER: US/10/779,461
; CURRENT FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: 60/447,073
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 161
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 158
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-779-461-158
Query Match          100.0%; Score 38; DB 16; Length 108;
Best Local Similarity 100.0%; Pred. No. 5.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db          51 EDNRPS 57
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RESULT 9
US-10-800-197-156
; Sequence 156, Application US/10800197
; Publication No. US20040202655A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A et al.
; TITLE OF INVENTION: ANTIBODIES TO IGF-I RECEPTOR FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 01343/1
; CURRENT APPLICATION NUMBER: US/10/800,197
; CURRENT FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: 60/455,094
; PRIOR FILING DATE: 2003-03-14
; NUMBER OF SEQ ID NOS: 157
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 156
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-800-197-156
Query Match          100.0%; Score 38; DB 17; Length 108;
Best Local Similarity 100.0%; Pred. No. 5.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNRPS 7
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Db          51 EDNRPS 57
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RESULT 10
US-10-269-805-42
; Sequence 42, Application US/10269805
; Publication No. US20030124129A1
; GENERAL INFORMATION:
; APPLICANT: OLINER, JONATHAN D.
; TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS
; FILE REFERENCE: A-722
; CURRENT APPLICATION NUMBER: US/10/269,805
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/328,604
; PRIOR FILING DATE: 2001-10-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-269-805-42
Query Match          100.0%; Score 38; DB 14; Length 110;
Best Local Similarity 100.0%; Pred. No. 5.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNRPS 7
|||||
Db          51 EDNRPS 57
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RESULT 11
US-10-269-805-52
; Sequence 52, Application US/10269805
; Publication No. US20030124129A1
; GENERAL INFORMATION:
; APPLICANT: OLINER, JONATHAN D.
; TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS
; FILE REFERENCE: A-722
; CURRENT APPLICATION NUMBER: US/10/269,805
; CURRENT FILING DATE: 2002-10-10
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QY          1 EDNRPS 7
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Db          51 EDNRPS 57
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RESULT 9
US-10-800-197-156
; Sequence 156, Application US/10800197
; Publication No. US20040202655A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A et al.
; TITLE OF INVENTION: ANTIBODIES TO IGF-I RECEPTOR FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 01343/1
; CURRENT APPLICATION NUMBER: US/10/800,197
; CURRENT FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: 60/455,094
; PRIOR FILING DATE: 2003-03-14
; NUMBER OF SEQ ID NOS: 157
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 156
; LENGTH: 108
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-800-197-156
Query Match          100.0%; Score 38; DB 17; Length 108;
Best Local Similarity 100.0%; Pred. No. 5.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNRPS 7
|||||
Db          51 EDNRPS 57
|||||

RESULT 10
US-10-269-805-42
; Sequence 42, Application US/10269805
; Publication No. US20030124129A1
; GENERAL INFORMATION:
; APPLICANT: OLINER, JONATHAN D.
; TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS
; FILE REFERENCE: A-722
; CURRENT APPLICATION NUMBER: US/10/269,805
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/328,604
; PRIOR FILING DATE: 2001-10-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-269-805-42
Query Match          100.0%; Score 38; DB 14; Length 110;
Best Local Similarity 100.0%; Pred. No. 5.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNRPS 7
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Db          51 EDNRPS 57
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RESULT 11
US-10-269-805-52
; Sequence 52, Application US/10269805
; Publication No. US20030124129A1
; GENERAL INFORMATION:
; APPLICANT: OLINER, JONATHAN D.
; TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS
; FILE REFERENCE: A-722
; CURRENT APPLICATION NUMBER: US/10/269,805
; CURRENT FILING DATE: 2002-10-10
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; PRIOR APPLICATION NUMBER: US 60/328,604  
; PRIOR FILING DATE: 2001-10-11  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 52  
; LENGTH: 110  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-269-805-52

Query Match 100.0%; Score 38; DB 14; Length 110;  
Best Local Similarity 100.0%; Pred. No. 5.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNORPS 7  
Db 51 EDNORPS 57

## RESULT 12

US-10-269-805-58  
; Sequence 58, Application US/10269805  
; Publication No. US20030124129A1  
; GENERAL INFORMATION:  
; APPLICANT: OLINER, JONATHAN D.  
; TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS  
; FILE REFERENCE: A-722  
; CURRENT APPLICATION NUMBER: US/10/269,805  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: US 60/328,604  
; PRIOR FILING DATE: 2001-10-11  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 58  
; LENGTH: 110  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-269-805-58

Query Match 100.0%; Score 38; DB 14; Length 110;  
Best Local Similarity 100.0%; Pred. No. 5.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNORPS 7  
Db 51 EDNORPS 57

## RESULT 13

US-10-371-942-56  
; Sequence 56, Application US/10371942  
; Publication No. US2003023994A1  
; GENERAL INFORMATION:  
; APPLICANT: Hoogenboom, Henricus Renerus Jacobus Mattheus  
; APPLICANT: Reiter, Yoram  
; TITLE OF INVENTION: MHC-PEPTIDE COMPLEX BINDING LIGANDS  
; FILE REFERENCE: 10280-034001  
; CURRENT APPLICATION NUMBER: US/10/371,942  
; CURRENT FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 60/358,994  
; PRIOR FILING DATE: 2002-02-20  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 56  
; LENGTH: 110  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-371-942-56

Query Match 100.0%; Score 38; DB 14; Length 110;  
Best Local Similarity 100.0%; Pred. No. 5.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNORPS 7  
Db 51 EDNORPS 57

## RESULT 14

US-10-741-481-4  
; Sequence 4, Application US/10741481  
; Publication No. US20040213795A1  
; GENERAL INFORMATION:  
; APPLICANT: Collins, Mary et al.  
; TITLE OF INVENTION: ANTIBODIES AGAINST PD-1 AND USES THEREFOR  
; FILE REFERENCE: 08702.0098-00000  
; CURRENT APPLICATION NUMBER: US/10/741,481  
; CURRENT FILING DATE: 2003-12-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 110  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-741-481-4

Query Match 100.0%; Score 38; DB 17; Length 110;  
Best Local Similarity 100.0%; Pred. No. 5.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNORPS 7  
Db 51 EDNORPS 57

## RESULT 15

US-10-779-461-141  
; Sequence 141, Application US/10779461  
; Publication No. US20040166544A1  
; GENERAL INFORMATION:  
; APPLICANT: Morton, Philip A  
; TITLE OF INVENTION: ANTIBODIES TO C-MET FOR THE TREATMENT OF CANCERS  
; FILE REFERENCE: 00980/1  
; CURRENT APPLICATION NUMBER: US/10/779,461  
; CURRENT FILING DATE: 2004-02-13  
; PRIOR APPLICATION NUMBER: 60/447,073  
; PRIOR FILING DATE: 2003-02-13  
; NUMBER OF SEQ ID NOS: 161  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 141  
; LENGTH: 111  
; TYPE: PRT  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: V\_region  
US-10-779-461-141

Query Match 100.0%; Score 38; DB 16; Length 111;  
Best Local Similarity 100.0%; Pred. No. 5.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNORPS 7  
Db 51 EDNORPS 57

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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 16:15:09 ; Search time 28.6774 Seconds  
(Without alignments)  
270.456 Million cell updates/sec

Title: US-09-610-118-65

Perfect score: 38

Sequence: 1 EDNQRPS 7

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	38	100.0	7	1	PCT-US02-11122-65	Sequence 65, Appl
3	38	100.0	7	1	PCT-US02-33556-13	Sequence 13, Appl
4	38	100.0	7	20	US-09-610-118-65	Sequence 65, Appl
5	38	100.0	7	23	US-09-829-495-65	Sequence 65, Appl
6	38	100.0	7	25	US-09-972-656-13	Sequence 13, Appl
7	38	100.0	7	33	US-10-741-481-21	Sequence 21, Appl
8	38	100.0	7	34	US-10-850-034-65	Sequence 65, Appl
9	38	100.0	79	36	US-60-163-062-790	Sequence 790, App
10	38	100.0	79	36	US-60-163-062-948	Sequence 948, App
11	38	100.0	85	22	US-09-791-537-23734	Sequence 23734, A
12	38	100.0	87	22	US-09-791-537-18916	Sequence 18916, A
13	38	100.0	88	36	US-60-195-053-2358	Sequence 2358, Ap
14	38	100.0	94	36	US-60-163-123-1181	Sequence 1181, Ap
15	38	100.0	94	36	US-60-163-123-1427	Sequence 1427, Ap
16	38	100.0	94	36	US-60-195-053-2359	Sequence 2359, Ap
17	38	100.0	94	36	US-60-234-446-712	Sequence 712, App
18	38	100.0	95	36	US-60-162-243-594	Sequence 594, App
19	38	100.0	95	36	US-60-162-243-4855	Sequence 4855, Ap
20	38	100.0	98	1	PCT-US02-38450-117	Sequence 117, App
21	38	100.0	98	22	US-09-791-537-92842	Sequence 92842, A
22	38	100.0	98	29	US-10-308-817-117	Sequence 117, App
23	38	100.0	98	30	US-10-453-698-117	Sequence 117, App
24	38	100.0	100	36	US-60-196-710-4905	Sequence 4905, Ap
25	38	100.0	100	36	US-60-196-710-4971	Sequence 4971, Ap
26	38	100.0	102	22	US-09-791-537-17220	Sequence 17220, A
27	38	100.0	103	1	PCT-US02-33556-130	Sequence 130, App
28	38	100.0	103	22	US-09-791-537-17217	Sequence 17217, A
29	38	100.0	103	22	US-09-791-537-17218	Sequence 17218, A
30	38	100.0	103	22	US-09-791-537-17219	Sequence 17219, A
31	38	100.0	103	25	US-09-972-656-130	Sequence 130, App
32	38	100.0	104	22	US-09-791-537-17240	Sequence 17240, A
33	38	100.0	104	22	US-09-791-537-17241	Sequence 17241, A
34	38	100.0	104	22	US-09-791-537-17248	Sequence 17248, A
35	38	100.0	104	22	US-09-791-537-17271	Sequence 17271, A
36	38	100.0	104	36	US-60-162-247-3052	Sequence 3052, Ap
37	38	100.0	104	36	US-60-162-247-3489	Sequence 3489, Ap
38	38	100.0	108	33	US-10-779-461-158	Sequence 158, App
39	38	100.0	108	34	US-10-800-197-156	Sequence 156, App
40	38	100.0	108	36	US-60-169-840-7123	Sequence 7123, Ap
41	38	100.0	108	36	US-60-169-840-7362	Sequence 7362, Ap
42	38	100.0	109	36	US-60-169-868-5171	Sequence 5171, Ap
43	38	100.0	110	1	PCT-US02-32613-42	Sequence 42, Appl
44	38	100.0	110	1	PCT-US02-32613-52	Sequence 52, Appl
45	38	100.0	110	1	PCT-US02-32613-58	Sequence 58, Appl

ALIGNMENTS

RESULT 1  
PCT-US00-18152-65  
; Sequence 65, Application PC/TUS0018152  
; GENERAL INFORMATION:  
; APPLICANT: Millennium Pharmaceuticals, Inc.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-211-228  
; CURRENT APPLICATION NUMBER: PCT/US00/18152  
; EARLIER FILING DATE: 2000-06-30  
; EARLIER APPLICATION NUMBER: 09/503,387  
; EARLIER FILING DATE: 2/14/00  
; EARLIER APPLICATION NUMBER: 09/454,824  
; EARLIER FILING DATE: 12/6/99  
; EARLIER APPLICATION NUMBER: 09/345,468  
; EARLIER FILING DATE: 6/30/99  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 65  
; LENGTH: 7  
; TYPE: PRT

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; ORGANISM: Homo sapiens
PCT-US00-18152-65

Query Match
Best Local Similarity 100.0%; Score 38; DB 1; Length 7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNQRS 7
Db 1 EDNQRS 7

RESULT 2
PCT-US02-11122-65
; Sequence 65, Application PC/TUS0211122
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234-228
; CURRENT APPLICATION NUMBER: PCT/US02/11122
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/829,495
; PRIOR FILING DATE: 2001-04-09
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-11122-65

Query Match
Best Local Similarity 100.0%; Score 38; DB 1; Length 7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNQRS 7
Db 1 EDNQRS 7

RESULT 3
PCT-US02-33556-13
; Sequence 13, Application PC/TUS0233556
; GENERAL INFORMATION:
; APPLICANT: Amgen, Inc.
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma
; FILE REFERENCE: A-799
; CURRENT APPLICATION NUMBER: PCT/US02/33556
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-33556-13

Query Match
Best Local Similarity 100.0%; Score 38; DB 1; Length 7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNQRS 7
Db 1 EDNQRS 7

RESULT 4
US-09-610-118-65
; Sequence 65, Application US/09610118
; GENERAL INFORMATION:
; APPLICANT: Busfield, S.
; APPLICANT: Villevai, J.
; APPLICANT: Jandrot-Perrus, M.
; APPLICANT: Vainchenker, W.
; APPLICANT: Gill, D.
; APPLICANT: Qian, M.
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-211
; CURRENT APPLICATION NUMBER: US/09/610,118
; CURRENT FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2/14/00
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 12/6/99
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 6/30/99
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-610-118-65

Query Match
Best Local Similarity 100.0%; Score 38; DB 20; Length 7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNQRS 7
Db 1 EDNQRS 7

RESULT 5
US-09-829-495-65
; Sequence 65, Application US/09829495
; GENERAL INFORMATION:
; APPLICANT: Busfield, SJ
; APPLICANT: Villevai, J
; APPLICANT: Jandrot-Perrus, M
; APPLICANT: Vainchenker, W
; APPLICANT: Gill, DS
; APPLICANT: Qian, MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-65

Query Match
Best Local Similarity 100.0%; Score 38; DB 23; Length 7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNQRS 7
Db 1 EDNQRS 7

RESULT 6
US-09-972-656-13

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; Sequence 13, Application US/09972656  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Deshpande, Rajendra  
 ; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma  
 ; TITLE OF INVENTION: Neutralizing Activity  
 ; FILE REFERENCE: A-799  
 ; CURRENT APPLICATION NUMBER: US/09/972,656  
 ; CURRENT FILING DATE: 2001-10-05  
 ; NUMBER OF SEQ ID NOS: 135  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 13  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-972-656-13

Query Match 100.0%; Score 38; DB 25; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 6.2e+06;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 Db 1 EDNRPS 7

## RESULT 7

US-10-741-481-21  
 ; Sequence 21, Application US/10741481  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Collins, Mary et al.  
 ; TITLE OF INVENTION: ANTIBODIES AGAINST PD-1 AND USES THEREFOR  
 ; FILE REFERENCE: 08702.0098-00000  
 ; CURRENT APPLICATION NUMBER: US/10/741,481  
 ; CURRENT FILING DATE: 2003-12-22  
 ; NUMBER OF SEQ ID NOS: 58  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 21  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-741-481-21

Query Match 100.0%; Score 38; DB 33; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 6.2e+06;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 Db 1 EDNRPS 7

## RESULT 8

US-10-850-034-65  
 ; Sequence 65, Application US/10850034  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield SJ  
 ; APPLICANT: Villevall J  
 ; APPLICANT: Jandrot-Petrus M  
 ; APPLICANT: Vainchenker W  
 ; APPLICANT: Gill DS  
 ; APPLICANT: Qian MD  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-234  
 ; CURRENT APPLICATION NUMBER: US/10/850,034  
 ; CURRENT FILING DATE: 2004-05-20  
 ; PRIOR APPLICATION NUMBER: US/09/829,495  
 ; PRIOR FILING DATE: 2001-04-09  
 ; PRIOR APPLICATION NUMBER: 09/610,118  
 ; PRIOR FILING DATE: 2000-06-30  
 ; PRIOR APPLICATION NUMBER: 09/503,387  
 ; PRIOR FILING DATE: 2000-02-14  
 ; PRIOR APPLICATION NUMBER: 09/454,824

; PRIOR FILING DATE: 1999-12-06  
 ; PRIOR APPLICATION NUMBER: 09/345,468  
 ; PRIOR FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 78  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 65  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-850-034-65

Query Match 100.0%; Score 38; DB 34; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 6.2e+06;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 Db 1 EDNRPS 7

## RESULT 9

US-60-163-062-790  
 ; Sequence 790, Application US/60163062  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bonazzi, Vivien  
 ; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC  
 ; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS AND USES  
 ; FILE REFERENCE: CLO00134  
 ; CURRENT APPLICATION NUMBER: US/60/163,062  
 ; CURRENT FILING DATE: 1999-11-02  
 ; NUMBER OF SEQ ID NOS: 1302  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 790  
 ; LENGTH: 79  
 ; TYPE: PRT  
 ; ORGANISM: Human  
 US-60-163-062-790

Query Match 100.0%; Score 38; DB 36; Length 79;  
 Best Local Similarity 100.0%; Pred. No. 10;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 Db 37 EDNRPS 43

## RESULT 10

US-60-163-062-948  
 ; Sequence 948, Application US/60163062  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bonazzi, Vivien  
 ; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC  
 ; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS AND USES  
 ; FILE REFERENCE: CLO00134  
 ; CURRENT APPLICATION NUMBER: US/60/163,062  
 ; CURRENT FILING DATE: 1999-11-02  
 ; NUMBER OF SEQ ID NOS: 1302  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 948  
 ; LENGTH: 79  
 ; TYPE: PRT  
 ; ORGANISM: Human  
 US-60-163-062-948

Query Match 100.0%; Score 38; DB 36; Length 79;  
 Best Local Similarity 100.0%; Pred. No. 10;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 Db 1 EDNRPS 7

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Db          37 EDNQRPS 43

RESULT 11
US-09-791-537-23734
; Sequence 23734, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBERS
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23734
; LENGTH: 85
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-537-23734

Query Match          100.0%; Score 38; DB 22; Length 85;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNQRPS 7
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Db          51 EDNQRPS 57

RESULT 12
US-09-791-537-18916
; Sequence 18916, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBERS
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18916
; LENGTH: 87
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-537-18916

Query Match          100.0%; Score 38; DB 22; Length 87;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNQRPS 7
           |||||
Db          39 EDNQRPS 45

RESULT 13
US-60-195-053-2358
; Sequence 2358, Application US/60195053
; GENERAL INFORMATION:
; APPLICANT: Bonazzi, Vivien
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CLO00427
; CURRENT APPLICATION NUMBER: US/60/195,053
; CURRENT FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 2836
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; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2358
; LENGTH: 88
; TYPE: PRT
; ORGANISM: HUMAN
US-60-195-053-2358

Query Match          100.0%; Score 38; DB 36; Length 88;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNQRPS 7
           |||||
Db          73 EDNQRPS 79

RESULT 14
US-60-163-123-1181
; Sequence 1181, Application US/60163123
; GENERAL INFORMATION:
; APPLICANT: Bonazzi, Vivien
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS AND
; FILE REFERENCE: CLO00137
; CURRENT APPLICATION NUMBER: US/60/163,123
; CURRENT FILING DATE: 1999-11-02
; NUMBER OF SEQ ID NOS: 1986
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1181
; LENGTH: 94
; TYPE: PRT
; ORGANISM: Human
US-60-163-123-1181

Query Match          100.0%; Score 38; DB 36; Length 94;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNQRPS 7
           |||||
Db          53 EDNQRPS 59

RESULT 15
US-60-163-123-1427
; Sequence 1427, Application US/60163123
; GENERAL INFORMATION:
; APPLICANT: Bonazzi, Vivien
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS AND
; FILE REFERENCE: CLO00137
; CURRENT APPLICATION NUMBER: US/60/163,123
; CURRENT FILING DATE: 1999-11-02
; NUMBER OF SEQ ID NOS: 1986
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1427
; LENGTH: 94
; TYPE: PRT
; ORGANISM: Human
US-60-163-123-1427

Query Match          100.0%; Score 38; DB 36; Length 94;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1 EDNQRPS 7
           |||||
Db          53 EDNQRPS 59

Search completed: December 18, 2004, 16:49:30
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Sun Dec 19 08:56:14 2004

us-09-610-118-65.rapm

Page 5

Job time : 28.6774 secs

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GenCore version 5.1.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 18:17:40 ; Search time 141 Seconds  
(without alignments)  
17.765 Million cell updates/sec

Title: US-09-610-118-65

Perfect score: 38

Sequence: 1 EDNRPS 7

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 59773

Minimum DB seq length: 0

Maximum DB seq length: 7

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.\*

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3: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep.\*  
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8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/2/pubpaa/US09A\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/2/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/2/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/2/pubpaa/US09D\_NEW\_PUB.pep.\*  
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15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/2/pubpaa/US10D\_PUBCOMB.pep.\*  
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18: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	38	100.0	7	9	US-09-610-118-65
2	38	100.0	7	10	US-09-972-656-13
3	38	100.0	7	11	US-09-829-495-65
4	38	100.0	7	17	US-10-741-481-21
5	34	89.5	7	15	US-10-425-855-13
6	33	86.8	7	10	US-09-972-656-14
7	33	86.8	7	10	US-09-972-656-20
8	33	86.8	7	17	US-10-396-578-42
9	31	81.6	7	10	US-09-563-222-24
10	31	81.6	7	17	US-10-783-950-24
11	30	78.9	7	10	US-09-791-153A-8
12	30	78.9	7	17	US-10-396-578-96
13	29	76.3	7	10	US-09-972-656-12

14	29	76.3	7	16	US-10-688-925-35	Sequence 35, Appl
15	28	73.7	7	14	US-10-091-300-11	Sequence 11, Appl
16	28	73.7	7	15	US-10-399-701-12	Sequence 12, Appl
17	28	73.7	7	16	US-10-327-598-649	Sequence 649, App
18	28	73.7	7	16	US-10-327-598-662	Sequence 662, App
19	28	73.7	7	16	US-10-387-955-53	Sequence 53, Appl
20	28	73.7	7	16	US-10-387-955-77	Sequence 77, Appl
21	28	73.7	7	17	US-10-844-424-42	Sequence 42, Appl
22	28	73.7	7	17	US-10-844-424-128	Sequence 128, App
23	28	73.7	7	17	US-10-741-481-39	Sequence 39, Appl
24	28	73.7	7	17	US-10-482-630-63	Sequence 63, Appl
25	27	71.1	7	9	US-09-832-312-71	Sequence 71, Appl
26	27	71.1	7	11	US-09-829-495-71	Sequence 71, Appl
27	27	71.1	7	17	US-10-844-424-69	Sequence 69, Appl
28	27	71.1	7	17	US-10-844-424-116	Sequence 116, App
29	26	68.4	7	10	US-09-563-222-18	Sequence 18, Appl
30	26	68.4	7	15	US-10-440-522-28	Sequence 28, Appl
31	26	68.4	7	17	US-10-783-950-18	Sequence 18, Appl
32	25	65.8	7	9	US-09-832-312-53	Sequence 53, Appl
33	25	65.8	7	9	US-09-832-312-59	Sequence 59, Appl
34	25	65.8	7	10	US-09-972-656-17	Sequence 17, Appl
35	25	65.8	7	10	US-09-972-656-18	Sequence 18, Appl
36	25	65.8	7	11	US-09-829-495-53	Sequence 53, Appl
37	25	65.8	7	11	US-09-829-495-59	Sequence 59, Appl
38	25	65.8	7	16	US-10-327-598-639	Sequence 639, App
39	25	65.8	7	17	US-10-741-481-27	Sequence 27, Appl
40	24	63.2	7	14	US-10-091-300-8	Sequence 8, Appl
41	24	63.2	7	16	US-10-327-598-698	Sequence 698, App
42	24	63.2	7	16	US-10-387-955-71	Sequence 71, Appl
43	24	63.2	7	17	US-10-482-630-60	Sequence 60, Appl
44	23	60.5	7	14	US-10-091-300-55	Sequence 55, Appl
45	23	60.5	7	14	US-10-203-754A-14	Sequence 14, Appl

## ALIGNMENTS

## RESULT 1

US-09-832-312-65  
; Sequence 65, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832.312  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 65  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-65

Query Match 100.0%; Score 38; DB 9; Length 7;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7

DB 1 EDNRPS 7

## RESULT 2

US-09-972-656-13  
 ; Sequence 13, Application US/09972656  
 ; Publication No. US20030099647A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Deshpande, Rajendra  
 ; APPLICANT: Tsai, Mei-Mei  
 ; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma  
 ; TITLE OF INVENTION: Neutralizing Activity  
 ; FILE REFERENCE: A-799  
 ; CURRENT APPLICATION NUMBER: US/09/972,656  
 ; CURRENT FILING DATE: 2001-10-05  
 ; NUMBER OF SEQ ID NOS: 135  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 13  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; ORGANISM: Homo sapiens  
 US-09-972-656-13

Query Match 100.0%; Score 38; DB 10; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EDNRPS 7  
 |||||  
 Db 1 EDNRPS 7

RESULT 3  
 US-09-829-495-65  
 ; Sequence 65, Application US/09829495  
 ; Publication No. US20040001826A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Busfield SJ  
 ; APPLICANT: Villevall J  
 ; APPLICANT: Jandrot-Petrus M  
 ; APPLICANT: Vaichenker W  
 ; APPLICANT: Gill DS  
 ; APPLICANT: Qian MD  
 ; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
 ; FILE REFERENCE: 7853-234  
 ; CURRENT APPLICATION NUMBER: US/09/829,495  
 ; CURRENT FILING DATE: 2001-04-09  
 ; PRIOR APPLICATION NUMBER: 09/610,118  
 ; PRIOR FILING DATE: 2000-06-30  
 ; PRIOR APPLICATION NUMBER: 09/503,387  
 ; PRIOR FILING DATE: 2000-02-14  
 ; PRIOR APPLICATION NUMBER: 09/454,824  
 ; PRIOR FILING DATE: 1999-12-06  
 ; PRIOR APPLICATION NUMBER: 09/345,468  
 ; PRIOR FILING DATE: 1999-06-30  
 ; NUMBER OF SEQ ID NOS: 78  
 ; SOFTWARE: Fast-Seq for Windows Version 3.0  
 ; SEQ ID NO 65  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; ORGANISM: Homo sapiens  
 US-09-829-495-65

Query Match 100.0%; Score 38; DB 11; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EDNRPS 7  
 |||||  
 Db 1 EDNRPS 7

RESULT 4  
 US-10-741-481-21  
 ; Sequence 21, Application US/10741481  
 ; Publication No. US20040213795A1  
 ; GENERAL INFORMATION:

; APPLICANT: Collins, Mary et al.  
 ; TITLE OF INVENTION: ANTIBODIES AGAINST PD-1 AND USES THEREFOR  
 ; FILE REFERENCE: 08702.0098-00300  
 ; CURRENT APPLICATION NUMBER: US/10/741,481  
 ; CURRENT FILING DATE: 2003-12-22  
 ; NUMBER OF SEQ ID NOS: 58  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 21  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; ORGANISM: Homo sapiens  
 US-10-741-481-21

Query Match 100.0%; Score 38; DB 17; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EDNRPS 7  
 |||||  
 Db 1 EDNRPS 7

RESULT 5  
 US-10-425-855-13  
 ; Sequence 13, Application US/10425855  
 ; Publication No. US20040005324A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: PILKINGTON, GLENN  
 ; APPLICANT: GILMOUR, PAGE  
 ; APPLICANT: CHANOCK, ROBERT  
 ; APPLICANT: CROWE, JAMES  
 ; APPLICANT: MURPHY, BRIAN  
 ; TITLE OF INVENTION: NEUTRALIZING MONOCLONAL ANTIBODIES TO RESPIRATORY  
 ; TITLE OF INVENTION: SYNCYTIAL VIRUS  
 ; FILE REFERENCE: I8602.0007/P007-A  
 ; CURRENT APPLICATION NUMBER: US/10/425,855  
 ; CURRENT FILING DATE: 2003-04-30  
 ; PRIOR APPLICATION NUMBER: 09/043,530  
 ; PRIOR FILING DATE: 1998-10-09  
 ; PRIOR APPLICATION NUMBER: 60/003,931  
 ; PRIOR FILING DATE: 1995-09-18  
 ; NUMBER OF SEQ ID NOS: 22  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 13  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; ORGANISM: Homo sapiens  
 US-10-425-855-13

Query Match 89.5%; Score 34; DB 15; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EDNRPS 6  
 |||||  
 Db 1 EDNRPS 6

RESULT 6  
 US-09-972-656-14  
 ; Sequence 14, Application US/09972656  
 ; Publication No. US20030099647A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Deshpande, Rajendra  
 ; APPLICANT: Tsai, Mei-Mei  
 ; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma  
 ; TITLE OF INVENTION: Neutralizing Activity  
 ; FILE REFERENCE: A-799  
 ; CURRENT APPLICATION NUMBER: US/09/972,656  
 ; CURRENT FILING DATE: 2001-10-05  
 ; NUMBER OF SEQ ID NOS: 135  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 14



LENGTH: 7  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-972-656-14

Query Match 86.8%; Score 33; DB 10; Length 7;  
 Best Local Similarity 85.7%; Pred. No. 1.4e+06;  
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 ||:||||  
 Db 1 EDDQPS 7

## RESULT 7

US-09-972-656-20  
 ; Sequence 20, Application US/09972656  
 ; Publication No. US20030099647A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Deshpande, Rajendra  
 ; APPLICANT: Teai, Mei-Mei  
 ; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma  
 ; TITLE OF INVENTION: Neutralizing Activity  
 ; FILE REFERENCE: A-799  
 ; CURRENT APPLICATION NUMBER: US/09/972,656  
 ; CURRENT FILING DATE: 2001-10-05  
 ; NUMBER OF SEQ ID NOS: 135  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 20  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-972-656-20

Query Match 86.8%; Score 33; DB 10; Length 7;  
 Best Local Similarity 85.7%; Pred. No. 1.4e+06;  
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 ||:||||  
 Db 1 EDDQPS 7

## RESULT 8

US-10-396-578-42  
 ; Sequence 42, Application US/10396578  
 ; Publication No. US20040191260A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Reiter, Yoram  
 ; APPLICANT: Cohen, Cyril J.  
 ; TITLE OF INVENTION: COMPOSITIONS CAPABLE OF SPECIFICALLY BINDING PARTICULAR HUMAN  
 ; TITLE OF INVENTION: ANTIGEN PRESENTING MOLECULE/PATHOGEN-DERIVED ANTIGEN COMPLEXES  
 ; TITLE OF INVENTION: AND USES THEREOF  
 ; FILE REFERENCE: 25563  
 ; CURRENT APPLICATION NUMBER: US/10/396,578  
 ; CURRENT FILING DATE: 2003-03-26  
 ; NUMBER OF SEQ ID NOS: 97  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 42  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 ; OTHER INFORMATION: specifically binding HLA-A2/Tax11-19 complex.  
 US-10-396-578-42

Query Match 86.8%; Score 33; DB 17; Length 7;  
 Best Local Similarity 85.7%; Pred. No. 1.4e+06;  
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
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Db 1 EDDQPS 7

## RESULT 9

US-09-563-222-24  
 ; Sequence 24, Application US/09563222  
 ; Publication No. US20030079253A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hiatt, Andrew  
 ; APPLICANT: Hiatt, Mich B.  
 ; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN  
 ; TITLE OF INVENTION: EUKARYOTIC CELLS  
 ; FILE REFERENCE: 310098.406  
 ; CURRENT APPLICATION NUMBER: US/09/563,222  
 ; CURRENT FILING DATE: 2000-05-02  
 ; NUMBER OF SEQ ID NOS: 197  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 24  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapien  
 US-09-563-222-24

Query Match 81.6%; Score 31; DB 10; Length 7;  
 Best Local Similarity 71.4%; Pred. No. 1.4e+06;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 ||:||||  
 Db 1 DDNRPS 7

## RESULT 10

US-10-783-950-24  
 ; Sequence 24, Application US/10783950  
 ; Publication No. US20040199945A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: EPICYTE PHARMACEUTICALS, INC.  
 ; APPLICANT: HIATT, ANDREW C.  
 ; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS  
 ; FILE REFERENCE: 068904-0501  
 ; CURRENT APPLICATION NUMBER: US/10/783,950  
 ; CURRENT FILING DATE: 2004-02-19  
 ; PRIOR APPLICATION NUMBER: US/09/563,222  
 ; PRIOR FILING DATE: 2000-05-02  
 ; PRIOR APPLICATION NUMBER: PCT/US01/14349  
 ; PRIOR FILING DATE: 2001-05-02  
 ; PRIOR APPLICATION NUMBER: 09/563,222  
 ; PRIOR FILING DATE: 2000-05-02  
 ; NUMBER OF SEQ ID NOS: 182  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 24  
 ; LENGTH: 7  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-783-950-24

Query Match 81.6%; Score 31; DB 17; Length 7;  
 Best Local Similarity 71.4%; Pred. No. 1.4e+06;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
 ||:||||  
 Db 1 DDNRPS 7

## RESULT 11

US-09-791-153A-8  
 ; Sequence 8, Application US/09791153A  
 ; Publication No. US20030103978A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Deshpande, Rajendra

```

; APPLICANT: Hitz, Anna
; APPLICANT: Boyle, William
; APPLICANT: Sullivan, John
; TITLE OF INVENTION: SELECTIVE BINDING AGENTS OF OSTROPROTEGERIN BINDING PROTEIN
; FILE REFERENCE: A-633A
; CURRENT APPLICATION NUMBER: US/09/791,153A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/511,139
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-153A-8

Query Match      78.9%; Score 30; DB 10; Length 7;
Best Local Similarity 71.4%; Pred. No. 1.4e+06;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EDNORPS 7
Db 1 EDGERPS 7

RESULT 12
US-10-396-578-96
; Sequence 96, Application US/10396578
; Publication No. US20040191260A1
; GENERAL INFORMATION:
; APPLICANT: Reiter, Yoram J.
; APPLICANT: Cohen, Cyril J.
; TITLE OF INVENTION: COMPOSITIONS CAPABLE OF SPECIFICALLY BINDING PARTICULAR HUMAN
; TITLE OF INVENTION: ANTIGEN PRESENTING MOLECULE/PATHOGEN-DERIVED ANTIGEN COMPLEXES
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: 25563
; CURRENT APPLICATION NUMBER: US/10/396,578
; CURRENT FILING DATE: 2003-03-26
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence of complementarity determining region of Fab
; OTHER INFORMATION: specifically binding FLA-A2/Taxii-19 complex.
US-10-396-578-96

Query Match      78.9%; Score 30; DB 17; Length 7;
Best Local Similarity 71.4%; Pred. No. 1.4e+06;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EDNORPS 7
Db 1 ENRRES 7

RESULT 13
US-09-972-656-12
; Sequence 12, Application US/09972656
; Publication No. US20030099647A1
; GENERAL INFORMATION:
; APPLICANT: Deshpande, Rajendra
; APPLICANT: Tsai, Mei-Mei
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma
; TITLE OF INVENTION: Neutralizing Activity
; FILE REFERENCE: A-799
; CURRENT APPLICATION NUMBER: US/09/972,656
; CURRENT FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.0

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; SEQ ID NO 12
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-972-656-12

Query Match      76.3%; Score 29; DB 10; Length 7;
Best Local Similarity 71.4%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 EDNORPS 7
Db 1 EDKERPS 7

RESULT 14
US-10-688-925-35
; Sequence 35, Application US/10688925
; Publication No. US20040142382A1
; GENERAL INFORMATION:
; APPLICANT: Veidman, Geertruida et al.
; TITLE OF INVENTION: NEUTRALIZING ANTIBODIES AGAINST GDF 8 AND USES THEREFOR
; FILE REFERENCE: 08702.0020-00000
; CURRENT APPLICATION NUMBER: US/10/688,925
; CURRENT FILING DATE: 2003-10-21
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-688-925-35

Query Match      76.3%; Score 29; DB 16; Length 7;
Best Local Similarity 71.4%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 EDNORPS 7
Db 1 DDQKPS 7

RESULT 15
US-10-091-300-11
; Sequence 11, Application US/10091300
; Publication No. US20030108545A1
; GENERAL INFORMATION:
; APPLICANT: Rockwell, Patricia
; APPLICANT: Goldstein, Neil I.
; TITLE OF INVENTION: Combination Methods of Inhibiting Tumor Growth With a Vascular
; TITLE OF INVENTION: Endothelial Growth Factor Receptor Antagonist
; FILE REFERENCE: 11245/46211
; CURRENT APPLICATION NUMBER: US/10/091,300
; CURRENT FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: WordPerfect 8.0 for Windows
; SEQ ID NO 11
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Human
US-10-091-300-11

Query Match      73.7%; Score 28; DB 14; Length 7;
Best Local Similarity 83.3%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 DNORPS 7
Db 2 NNORPS 7

Search completed: December 18, 2004, 18:31:27
Job time : 141 secs

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This Page Blank (uspto)

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: December 18, 2004, 18:08:47 ; Search time 37 seconds  
(without alignments)  
12.547 Million cell updates/sec.

Title: US-09-610-118-65

Perfect score: 38

Sequence: 1 EDNRPS 7

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 58200

Minimum DB seq length: 0

Maximum DB seq length: 7

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

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2: /cgn2\_6/prodata/1/1aa/5B-COMB.pep:\*

3: /cgn2\_6/prodata/1/1aa/6A-COMB.pep:\*

4: /cgn2\_6/prodata/1/1aa/6B-COMB.pep:\*

5: /cgn2\_6/prodata/1/1aa/PCTUS-COMB.pep:\*

6: /cgn2\_6/prodata/1/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	81.6	7	4	US-09-563-222C-24
2	28	73.7	7	1	US-08-264-093-19
3	28	73.7	7	4	US-09-424-840-42
4	27	71.1	7	4	US-09-424-840-69
5	27	71.1	7	4	US-09-424-840-116
6	26	68.4	7	4	US-09-563-222C-18
7	23	60.5	6	4	US-08-757-425B-36
8	23	60.5	7	4	US-09-383-667-31
9	23	60.5	7	4	US-09-424-840-101
10	22	57.9	4	1	US-08-377-687-17
11	22	57.9	4	4	US-08-777-192-17
12	22	57.9	4	3	US-08-971-982-17
13	22	57.9	7	1	US-07-988-925-5
14	22	57.9	7	2	US-08-362-780-5
15	22	57.9	7	3	US-08-918-148-51
16	22	57.9	7	4	US-08-478-684G-5
17	22	57.9	7	4	US-09-138-091A-51
18	22	57.9	7	4	US-09-424-840-41
19	22	57.9	7	4	US-09-424-840-68
20	22	57.9	7	4	US-09-424-840-81
21	21	55.3	6	4	US-09-077-948A-135
22	20	52.6	7	4	US-09-383-667-25
23	20	52.6	7	4	US-09-424-840-125
24	19	50.0	5	3	US-09-187-859-3201
25	19	50.0	5	4	US-09-839-542B-3201
26	19	50.0	5	4	US-09-535-852-545
27	19	50.0	6	3	US-09-187-859-3202

Sequence 32, Appl  
Sequence 3202, Ap  
Sequence 546, Ap  
Sequence 32, Appl  
Sequence 35, Appl  
Sequence 32, Appl  
Sequence 35, Appl  
Sequence 3203, Ap  
Sequence 34, Appl  
Sequence 3203, Ap  
Sequence 547, Appl  
Sequence 10, Appl  
Sequence 23, Appl  
Sequence 36, Appl  
Sequence 38, Appl  
Sequence 74, Appl

## ALIGNMENTS

## RESULT 1

US-09-563-222C-24  
; Sequence 24, Application US/09563222C  
; Patent No. 6696620  
; GENERAL INFORMATION:  
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.  
; APPLICANT: HIATT, ANDREW C.  
; APPLICANT: HEIN, MICH B.  
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS  
; FILE REFERENCE: 068904-0501  
; CURRENT APPLICATION NUMBER: US/09/563,222C  
; PRIOR FILING DATE: 2000-05-02  
; PRIOR APPLICATION NUMBER: PCT/US01/14349  
; PRIOR FILING DATE: 2001-05-02  
; PRIOR APPLICATION NUMBER: 09/563,222  
; PRIOR FILING DATE: 2000-05-02  
; NUMBER OF SEQ ID NOS: 182  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 24  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-563-222C-24

Query Match 81.6%; Score 31; DB 4; Length 7;  
Best Local Similarity 71.4%; Pred No; 3.8e+05;  
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDNRPS 7  
DB 1 DDNRPS 7

## RESULT 2

US-08-264-093-19  
; Sequence 19, Application US/08264093  
; Patent No. 5639863  
; GENERAL INFORMATION:  
; APPLICANT: Michael D. Dan  
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO  
; TITLE OF INVENTION: CELL CYCLE-INDEPENDENT GLIOMA SURFACE  
; TITLE OF INVENTION: ANTIGEN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ridout & Maybee  
; STREET: 2300 Richmond-Adelaide Centre  
; CITY: Toronto  
; STATE: Ontario  
; COUNTRY: Canada

```

; ZIP: MSH 2J7
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.4 Mb storage
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: MS-DOS 6.00
; SOFTWARE: ASCII Editor
; CURRENT APPLICATION NUMBER: US/08/264,093
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA: No. 5639863 applicable
; ATTORNEY/AGENT INFORMATION:
; NAME: Lake, James R.
; REGISTRATION NUMBER: 31081
; REFERENCE/DOCKET NUMBER: NOVOP/106A/7551
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (416) 868-1482
; TELEFAX: (416) 362-0823
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; STRANDEDNESS: not applicable
; TOPOLOGY: linear
; US-08-264-093-19

```

```

Query Match      73.7%; Score 28; DB 1; Length 7;
Best Local Similarity 83.3%; Pred. No. 3.8e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0;

```

```

QY      2 DNORPS 7
DB      2 DNORPS 7

```

```

RESULT 3
US-09-424-840-42
; Sequence 42, Application US/09424840
; Patent No. 6790938
; GENERAL INFORMATION:
; APPLICANT: BERTCHTOLD, Peter
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies
; FILE REFERENCE: 100564-09049
; CURRENT APPLICATION NUMBER: US/09/424,840
; CURRENT FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: DE 19755227.7
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: DE 19755227.7
; PRIOR FILING DATE: 1997-12-12
; PRIOR APPLICATION NUMBER: DE 19820663.1
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-424-840-42

```

```

Query Match      73.7%; Score 28; DB 4; Length 7;
Best Local Similarity 83.3%; Pred. No. 3.8e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0;

```

```

QY      2 DNORPS 7
DB      2 NNORPS 7

```

```

RESULT 4
US-09-424-840-69
; Sequence 69, Application US/09424840
; Patent No. 6790938

```

```

; GENERAL INFORMATION:
; APPLICANT: BERTCHTOLD, Peter
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies
; FILE REFERENCE: 100564-09049
; CURRENT APPLICATION NUMBER: US/09/424,840
; CURRENT FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: DE 19723904.8
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: DE 19755227.7
; PRIOR FILING DATE: 1997-12-12
; PRIOR APPLICATION NUMBER: DE 19820663.1
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 69
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-424-840-69

```

```

Query Match      71.1%; Score 27; DB 4; Length 7;
Best Local Similarity 71.4%; Pred. No. 3.8e+05;
Matches 5; Conservative 1; Mismatches 1; Indels 0;

```

```

QY      1 EDNRPS 7
DB      1 EDSYRPS 7

```

```

RESULT 5
US-09-424-840-116
; Sequence 116, Application US/09424840
; Patent No. 6790938
; GENERAL INFORMATION:
; APPLICANT: BERTCHTOLD, Peter
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies
; FILE REFERENCE: 100564-09049
; CURRENT APPLICATION NUMBER: US/09/424,840
; CURRENT FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: DE 19723904.8
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: DE 19755227.7
; PRIOR FILING DATE: 1997-12-12
; PRIOR APPLICATION NUMBER: DE 19820663.1
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 116
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-424-840-116

```

```

Query Match      71.1%; Score 27; DB 4; Length 7;
Best Local Similarity 71.4%; Pred. No. 3.8e+05;
Matches 5; Conservative 1; Mismatches 1; Indels 0;

```

```

QY      1 EDNRPS 7
DB      1 EDSYRPS 7

```

```

RESULT 6
US-09-563-222C-18
; Sequence 18, Application US/09563222C
; Patent No. 6696620
; GENERAL INFORMATION:
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICHAEL B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS

```

```

; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/09/563,222C
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-563-222C-18

Query Match      68.4%; Score 26; DB 4; Length 7;
Best Local Similarity 57.1%; Pred. No. 3.8e+05;
Matches 4; Conservative 3; Mismatches 0; Indels 0;

QY 1 EDNCRP 3
   :|||
Db 1 DNNCRP 3

RESULT 7
US-08-757-425B-36
; Sequence 36, Application US/08/757425B
; Patent No. 6500660
; GENERAL INFORMATION:
; APPLICANT: Fastrez, Jacques
; TITLE OF INVENTION: Chimeric Target Molecules Having A Regulatable Activity
; FILE REFERENCE: 100390-09640
; CURRENT APPLICATION NUMBER: US/08/757,425B
; CURRENT FILING DATE: 1996-11-27
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Minotape
US-08-757-425B-36

Query Match      60.5%; Score 23; DB 4; Length 6;
Best Local Similarity 56.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0;

QY 1 EDNCRP 6
   :|||
Db 1 ENGRP 6

RESULT 8
US-09-383-667-31
; Sequence 31, Application US/09383667
; Patent No. 6624295
; GENERAL INFORMATION:
; APPLICANT: Adams, Camelia W.
; APPLICANT: Devaux, Brigitte
; APPLICANT: Eaton, Dan L.
; APPLICANT: Hass, Philip E.
; APPLICANT: Judice, J. Kevin
; APPLICANT: Kirchofer, Daniel
; APPLICANT: Suggest, Shelley
; TITLE OF INVENTION: Human Anti-Factor IX/IXa Antibodies
; FILE REFERENCE: P1661R2
; CURRENT APPLICATION NUMBER: US/09/383,667
; CURRENT FILING DATE: 1999-08-26
; EARLIER APPLICATION NUMBER: US 60/098,233
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: US 60/122,767
; EARLIER FILING DATE: 1999-03-03

```

```

; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-383-667-31

Query Match      60.5%; Score 23; DB 4; Length 7;
Best Local Similarity 56.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 2; Mismatches 0; Indels 0;

QY 2 DNCRP 7
   :|||
Db 2 DDCRP 7

RESULT 9
US-09-424-840-101
; Sequence 101, Application US/09424840
; Patent No. 6790938
; GENERAL INFORMATION:
; APPLICANT: BERCHTOLD, Peter
; APPLICANT: ESCHER, Robert F.A.
; TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies
; FILE REFERENCE: 100564-09049
; CURRENT APPLICATION NUMBER: US/09/424,840
; CURRENT FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: DE 19723904.8
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: DE 19755227.7
; PRIOR FILING DATE: 1997-12-12
; PRIOR APPLICATION NUMBER: DE 19820663.1
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-424-840-101

Query Match      60.5%; Score 23; DB 4; Length 7;
Best Local Similarity 56.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0;

QY 2 DNCRP 7
   :|||
Db 2 DDCRP 7

RESULT 10
US-08-377-687-17
; Sequence 17, Application US/08377687
; Patent No. 5538525
; GENERAL INFORMATION:
; APPLICANT: BROEKERT, WILLEM F.
; APPLICANT: CAMMUE, BRUNO P.A.
; APPLICANT: OSBORN, RUPERT W.
; APPLICANT: REES, SARAH B.
; APPLICANT: TERRAS, FRANKY R.G.
; APPLICANT: VANDERLEYDEN, JOZEF
; TITLE OF INVENTION: BIOCIDAL PROTEINS
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DABBY & CUSHMAN
; STREET: 1100 NEW YORK AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/377.687  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/002,480  
FILING DATE: 04-JAN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKULIS, PAUL N.  
REGISTRATION NUMBER: 16,773  
REFERENCE/DOCKET NUMBER: 99042/SEE.36525/US/A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-822-0944  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Peptide  
US-08-377-687-17

Query Match 57.9%; Score 22; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 3.8e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0;

QY 1 EDNQ 4  
Db 1 EDNQ 4

RESULT 11  
US-08-777-192-17  
Sequence 17, Application US/08777192  
Patent No. 5824869  
GENERAL INFORMATION:  
APPLICANT: BROEKAERT, WILLEM F.  
APPLICANT: CAMMUE, BRUNO P.A.  
APPLICANT: OSBORN, RUPERT W.  
APPLICANT: REES, SARAH B.  
APPLICANT: TERRAS, FRANKY R.G.  
APPLICANT: VANDERLEYDEN, JOZEF  
TITLE OF INVENTION: BIOCIDAL PROTEINS  
NUMBER OF SEQUENCES: 59  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DABBY & CUSHMAN  
STREET: 1100 NEW YORK AVENUE, N.W.  
CITY: WASHINGTON  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/777.192  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/002,480  
FILING DATE: 04-JAN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKULIS, PAUL N.  
REGISTRATION NUMBER: 16,773  
REFERENCE/DOCKET NUMBER: 99042/SEE.36525/US/A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-822-0944

INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-777-192-17

Query Match 57.9%; Score 22; DB 2; Length 4;  
Best Local Similarity 100.0%; Pred. No. 3.8e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0;

QY 1 EDNQ 4  
Db 1 EDNQ 4

RESULT 12  
US-08-971-982-17  
Sequence 17, Application US/08971982  
Patent No. 6187904  
GENERAL INFORMATION:  
APPLICANT: BROEKAERT, WILLEM F.  
APPLICANT: CAMMUE, BRUNO P.A.  
APPLICANT: OSBORN, RUPERT W.  
APPLICANT: REES, SARAH B.  
APPLICANT: TERRAS, FRANKY R.G.  
APPLICANT: VANDERLEYDEN, JOZEF  
TITLE OF INVENTION: BIOCIDAL PROTEINS  
NUMBER OF SEQUENCES: 59  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DABBY & CUSHMAN  
STREET: 1100 NEW YORK AVENUE, N.W.  
CITY: WASHINGTON  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/971,982  
FILING DATE: 17-No. 6187904-1997  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/002,480  
FILING DATE: 04-JAN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKULIS, PAUL N.  
REGISTRATION NUMBER: 16,773  
REFERENCE/DOCKET NUMBER: 99042/SEE.36525/US/A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-822-0944  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
US-08-971-982-17

Query Match 57.9%; Score 22; DB 3; Length 4;  
Best Local Similarity 100.0%; Pred. No. 3.8e+05;  
Matches 4; Conservative 0; Mismatches 0; Indels 0;

QY 1 EDNQ 4  
Db 1 EDNQ 4



Db 1 EDNQ 4

RESULT 13

US-07-988-925-5  
Sequence 5, Application US/07988925  
Patent No. 5585097  
GENERAL INFORMATION:  
APPLICANT: Bolt, Sarah L  
APPLICANT: Clark, Michael R  
APPLICANT: Gorman, Scott D  
APPLICANT: Routledge, Edward G  
APPLICANT: Walldmann, Herman  
TITLE OF INVENTION: antibody preparation  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye PC  
STREET: 11th Floor, 1100 No. 5585097th Glebe Road  
CITY: Arlington  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22201  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/988,925  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206422.9  
FILING DATE: 24-MAR-1992  
PRIORITY INFORMATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mitchard, Leonard C  
REGISTRATION NUMBER: 29009  
TELEPHONE: 7038164000  
TELEFAX: 7038164100  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-07-988-925-5

Query Match 57.9%; Score 22; DB 1; Length 7;  
Best Local Similarity 50.0%; Pred. No. 3.8e+05;  
Matches 3; Conservative 3; Mismatches 0; Indels 0;  
Gaps 0;

QY 1 EDNQ 6  
Db 1 DDDKP 6

RESULT 14

US-08-362-780-5  
Sequence 5, Application US/08362780  
Patent No. 596509  
GENERAL INFORMATION:  
APPLICANT: Gorman, Scott D  
APPLICANT: Routledge, Edward G  
APPLICANT: Walldmann, Herman  
TITLE OF INVENTION: Antibody Preparation  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye pc  
STREET: 8th Floor, 1100 No. 596509th Glebe Road  
CITY: Arlington  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22201  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/362,780  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/862,543  
FILING DATE: 23-JUNE-1992  
PRIORITY INFORMATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mitchard, Leonard C  
REGISTRATION NUMBER: 29009  
TELEPHONE: 7038164000  
TELEFAX: 7038164100  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-362-780-5

Query Match 57.9%; Score 22; DB 3; Length 7;  
Best Local Similarity 57.1%; Pred. No. 3.8e+05;  
Matches 3; Conservative 3; Mismatches 0; Indels 0;  
Gaps 0;

QY 1 EDNQ 6  
Db 1 DDDKP 6

RESULT 15

US-08-918-148-51  
Sequence 51, Application US/08918148A  
Patent No. 6342220  
GENERAL INFORMATION:  
APPLICANT: Adams, Camellia  
APPLICANT: W.  
APPLICANT: Carter, Paul J.  
APPLICANT: Fendly, Brian M.  
APPLICANT: Gurney, Austin L.  
TITLE OF INVENTION: Agonist Antibodies  
FILE REFERENCE: P0379  
CURRENT APPLICATION NUMBER: US/08/918,148A  
CURRENT FILING DATE: 1997-08-25  
NUMBER OF SEQ ID NOS: 79  
SEQ ID NO 51  
LENGTH: 7  
TYPE: PRT  
ORGANISM: artificial  
FEATURE:  
NAME/KEY: 12E10scFv VL CDR2  
LOCATION: 1-7  
OTHER INFORMATION:  
US-08-918-148-51

Query Match 57.9%; Score 22; DB 3; Length 7;  
Best Local Similarity 57.1%; Pred. No. 3.8e+05;

Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 EDNQRPS 7  
| : |||  
Db 1 EGSKRPS 7

Search completed: December 18, 2004, 18:20:46  
Job time : 38 secs

GenCore version 5.1.6  
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CM protein - protein search, using sw model

Run on: December 18, 2004, 16:16:45 ; Search time 8.8139 Seconds  
(without alignments)  
324.792 Million cell updates/sec

Title: US-09-610-118-66

Perfect score: 39

Sequence: 1 SYDSSNVV 8

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1589859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 1589859

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*  
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3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*  
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10: /cgn2\_6/ptodata/2/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/2/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/2/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/2/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/2/pubpaa/US10D\_PUBCOMB.pep.\*  
17: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	39	100.0	8	9 US-09-832-312-66	Sequence 66, Appl
2	39	100.0	8	11 US-09-829-495-66	Sequence 66, Appl
3	39	100.0	161	14 US-10-106-698-6785	Sequence 6785, Ap
4	36	92.3	111	17 US-10-800-197-152	Sequence 152, App
5	34	87.2	63	17 US-10-425-115-250555	Sequence 250555,
6	33	84.6	75	15 US-10-424-599-256961	Sequence 256961,
7	33	84.6	110	14 US-10-371-942-88	Sequence 88, Appl
8	33	84.6	282	15 US-10-427-805-1	Sequence 1, Appli
9	33	84.6	397	15 US-10-427-805-3	Sequence 3, Appli
10	33	84.6	418	15 US-10-427-805-2	Sequence 2, Appli
11	33	84.6	617	14 US-10-205-342-11	Sequence 11, Appl
12	33	84.6	934	15 US-10-282-122A-54603	Sequence 54603, A
13	32	82.1	166	10 US-09-797-464A-5	Sequence 5, Appli

14	32	82.1	168	15	US-10-425-114-63711	Sequence 63711, A
15	32	82.1	174	10	US-09-797-464A-9	Sequence 9, Appli
16	32	82.1	230	17	US-10-425-115-237161	Sequence 237161,
17	32	82.1	251	16	US-10-779-461-51	Sequence 51, Appl
18	32	82.1	363	10	US-09-797-464A-11	Sequence 11, Appl
19	32	82.1	395	10	US-09-797-464A-2	Sequence 2, Appli
20	32	82.1	548	16	US-10-437-963-129704	Sequence 129704,
21	32	82.1	839	16	US-10-437-963-129703	Sequence 129703,
22	32	82.1	893	13	US-10-014-436-4	Sequence 4, Appli
23	32	82.1	1938	13	US-10-014-436-2	Sequence 2, Appli
24	32	82.1	4327	14	US-10-369-493-10178	Sequence 10178, A
25	31	79.5	10	10	US-09-972-656-23	Sequence 23, Appl
26	31	79.5	28	16	US-10-481-180-728	Sequence 728, App
27	31	79.5	36	16	US-10-481-180-748	Sequence 748, App
28	31	79.5	36	16	US-10-481-180-750	Sequence 750, App
29	31	79.5	40	16	US-10-481-180-752	Sequence 752, App
30	31	79.5	44	16	US-10-481-180-754	Sequence 754, App
31	31	79.5	57	16	US-10-481-180-757	Sequence 757, App
32	31	79.5	62	15	US-10-424-599-183368	Sequence 183368,
33	31	79.5	98	14	US-10-308-817-117	Sequence 117, App
34	31	79.5	98	15	US-10-453-698-117	Sequence 117, App
35	31	79.5	103	10	US-09-972-656-130	Sequence 130, App
36	31	79.5	108	16	US-10-779-461-158	Sequence 158, App
37	31	79.5	108	17	US-10-800-197-156	Sequence 156, App
38	31	79.5	109	16	US-10-479-670-134	Sequence 134, App
39	31	79.5	112	16	US-10-779-461-143	Sequence 143, App
40	31	79.5	122	15	US-10-282-122A-61463	Sequence 61463, A
41	31	79.5	217	10	US-09-972-656-88	Sequence 88, Appl
42	31	79.5	249	16	US-10-479-670-185	Sequence 185, App
43	31	79.5	251	16	US-10-779-461-36	Sequence 36, Appl
44	31	79.5	251	15	US-10-779-461-48	Sequence 48, Appl
45	31	79.5	290	15	US-10-282-122A-62681	Sequence 62681, A

#### ALIGNMENTS

RESULT 1  
US-09-832-312-66  
; Sequence 66, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; PRIOR FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 66  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-66

Query Match 100.0%; Score 39; DB 9; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8

Db 1 SYDSSNVV 8

RESULT 2

```

US-09-829-495-66
; Sequence 66, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Petrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 66
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-66

Query Match      100.0%; Score 39; DB 11; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYDSSNVW 8
DB      1 SYDSSNVW 8

RESULT 3
US-10-106-698-6785
; Sequence 6785, Application US/10106698
; Publication No. US20030109690A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide
; FILE REFERENCE: PA005P1
; CURRENT APPLICATION NUMBER: US/10/106,698
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US00/26524
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/157,137
; PRIOR FILING DATE: 1999-09-29
; PRIOR APPLICATION NUMBER: US 60/163,280
; PRIOR FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 8564
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 6785
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MISC FEATURE
; LOCATION: (149)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-106-698-6785

Query Match      100.0%; Score 39; DB 14; Length 161;
Best Local Similarity 100.0%; Pred. No. 9.1;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYDSSNVW 8
DB      1 SYDSSNVW 8

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Db      114 SYDSSNVW 121

RESULT 4
US-10-800-197-152
; Sequence 152, Application US/10800197
; Publication No. US20040202655A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A et al.
; TITLE OF INVENTION: ANTIBODIES TO IGF-I RECEPTOR FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 01343/1
; CURRENT APPLICATION NUMBER: US/10/800,197
; CURRENT FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: 60/455,094
; PRIOR FILING DATE: 2003-03-14
; NUMBER OF SEQ ID NOS: 157
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 152
; LENGTH: 111
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-800-197-152

Query Match      92.3%; Score 36; DB 17; Length 111;
Best Local Similarity 87.5%; Pred. No. 23;
Matches      7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYDSSNVW 8
DB      93 SYDSSNVW 100

RESULT 5
US-10-425-115-250855
; Sequence 250855, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 250855
; LENGTH: 63
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_160368C.1.pap
US-10-425-115-250855

Query Match      87.2%; Score 34; DB 17; Length 63;
Best Local Similarity 75.0%; Pred. No. 32;
Matches      6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYDSSNVW 8
DB      21 SYDSSNVW 28

RESULT 6
US-10-424-599-256961
; Sequence 256961, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovalic, David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei

```

; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
 ; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement  
 ; FILE REFERENCE: 38-21(53223)B  
 ; CURRENT APPLICATION NUMBER: US/10/424,599  
 ; CURRENT FILING DATE: 2003-04-28  
 ; NUMBER OF SEQ ID NOS: 285684  
 ; SEQ ID NO 256961  
 ; LENGTH: 75  
 ; TYPE: PRT  
 ; ORGANISM: Glycine max  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_MRT3847\_74059C.1.pcp  
 US-10-424-599-256961

Query Match 84.6%; Score 33; DB 15; Length 75;  
 Best Local Similarity 75.0%; Pred. No. 59;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
 |||||:  
 Db 54 SYDSSNVL 61

## RESULT 7

US-10-371-942-88  
 ; Sequence 88, Application US/10371942  
 ; Publication No. US20030223994A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hoogendoorn, Henricus Renerus Jacobus Mattheus  
 ; APPLICANT: Reiter, Yoram  
 ; TITLE OF INVENTION: MHC-PEPTIDE COMPLEX BINDING LIGANDS  
 ; FILE REFERENCE: 10280-034001  
 ; CURRENT APPLICATION NUMBER: US/10/371,942  
 ; CURRENT FILING DATE: 2003-02-20  
 ; PRIOR APPLICATION NUMBER: US 60/358,994  
 ; PRIOR FILING DATE: 2002-02-20  
 ; NUMBER OF SEQ ID NOS: 121  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 88  
 ; LENGTH: 110  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-371-942-88

Query Match 84.6%; Score 33; DB 14; Length 110;  
 Best Local Similarity 87.3%; Pred. No. 88;  
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
 |||||:  
 Db 93 SYDSSNVQ 100

## RESULT 8

US-10-427-805-1  
 ; Sequence 1, Application US/10427805  
 ; Publication No. US20040063632A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Light, David  
 ; APPLICANT: McLean, Kirk  
 ; TITLE OF INVENTION: Anticoagulants  
 ; FILE REFERENCE: 52295AUSM1  
 ; CURRENT APPLICATION NUMBER: US/10/427,805  
 ; CURRENT FILING DATE: 2003-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/376,566  
 ; PRIOR FILING DATE: 2002-05-01  
 ; NUMBER OF SEQ ID NOS: 3  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 1  
 ; LENGTH: 282  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence

; FEATURE:  
 ; OTHER INFORMATION: Amino acid sequence of scFv(TF)3e10 antibody  
 US-10-427-805-1

Query Match 84.6%; Score 33; DB 15; Length 282;  
 Best Local Similarity 75.0%; Pred. No. 2.4e+02;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
 |||||:  
 Db 245 SYDSSNVL 252

## RESULT 9

US-10-427-805-3  
 ; Sequence 3, Application US/10427805  
 ; Publication No. US20040063632A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Light, David  
 ; APPLICANT: McLean, Kirk  
 ; TITLE OF INVENTION: Anticoagulants  
 ; FILE REFERENCE: 52295AUSM1  
 ; CURRENT APPLICATION NUMBER: US/10/427,805  
 ; CURRENT FILING DATE: 2003-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/376,566  
 ; PRIOR FILING DATE: 2002-05-01  
 ; NUMBER OF SEQ ID NOS: 3  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 3  
 ; LENGTH: 397  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Amino acid sequence of scFv(TF)3e10-TW1456delta fuslono protein  
 US-10-427-805-3

Query Match 84.6%; Score 33; DB 15; Length 397;  
 Best Local Similarity 75.0%; Pred. No. 3.4e+02;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
 |||||:  
 Db 242 SYDSSNVL 249

## RESULT 10

US-10-427-805-2  
 ; Sequence 2, Application US/10427805  
 ; Publication No. US20040063632A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Light, David  
 ; APPLICANT: McLean, Kirk  
 ; TITLE OF INVENTION: Anticoagulants  
 ; FILE REFERENCE: 52295AUSM1  
 ; CURRENT APPLICATION NUMBER: US/10/427,805  
 ; CURRENT FILING DATE: 2003-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/376,566  
 ; PRIOR FILING DATE: 2002-05-01  
 ; NUMBER OF SEQ ID NOS: 3  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 2  
 ; LENGTH: 418  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Amino acid sequence of scFv(TF)3e10-TW1456 fusion protein  
 US-10-427-805-2

Query Match 84.6%; Score 33; DB 15; Length 418;  
 Best Local Similarity 75.0%; Pred. No. 3.6e+02;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
 |||||:  
 Db 245 SYDSSNVV 252

RESULT 11  
 US-10-205-342-11  
 ; Sequence 11, Application US/10205342  
 ; Publication No. US20030108906A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Warner-Lambert Company  
 ; APPLICANT: Lee, Kevin  
 ; APPLICANT: Dixon, Alistair  
 ; APPLICANT: Brooksbank, Robert  
 ; APPLICANT: Finnock, Robert  
 ; TITLE OF INVENTION: Identification and Use of Molecules Implicated in Pain  
 ; FILE REFERENCE: WL-A-018198  
 ; CURRENT APPLICATION NUMBER: US/10/205,342  
 ; CURRENT FILING DATE: 2002-07-24  
 ; PRIOR APPLICATION NUMBER: GB 0118354.0  
 ; PRIOR FILING DATE: 2001-07-27  
 ; NUMBER OF SEQ ID NOS: 34  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 11  
 ; LENGTH: 617  
 ; TYPE: PRT  
 ; ORGANISM: Mus musculus  
 ; FEATURE:  
 ; OTHER INFORMATION: Protein: vacuolar adenosine triphosphatase subunit A  
 US-10-205-342-11

Query Match 84.6%; Score 33; DB 14; Length 617;  
 Best Local Similarity 75.0%; Pred. No. 5.3e+02;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
 :|||:  
 Db 184 NYDASNVV 191

RESULT 12  
 US-10-282-122A-54603  
 ; Sequence 54603, Application US/10282122A  
 ; Publication No. US20040029129A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, Liangsu  
 ; APPLICANT: Zamudio, Carlos  
 ; APPLICANT: Malone, Cheryl  
 ; APPLICANT: Haselbeck, Robert  
 ; APPLICANT: Ohlsen, Kari  
 ; APPLICANT: Zyskind, Judith  
 ; APPLICANT: Wall, Daniel  
 ; APPLICANT: Trawick, John  
 ; APPLICANT: Carr, Grant  
 ; APPLICANT: Yamamoto, Robert  
 ; APPLICANT: Forsyth, R.  
 ; APPLICANT: Xu, H.  
 ; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms  
 ; FILE REFERENCE: ELITRA.034A  
 ; CURRENT APPLICATION NUMBER: US/10/282,122A  
 ; CURRENT FILING DATE: 2003-02-20  
 ; PRIOR APPLICATION NUMBER: 60/191,078  
 ; PRIOR FILING DATE: 2000-03-21  
 ; PRIOR APPLICATION NUMBER: 60/206,848  
 ; PRIOR FILING DATE: 2000-05-23  
 ; PRIOR APPLICATION NUMBER: 60/207,727  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: 60/230,335  
 ; PRIOR FILING DATE: 2000-09-06  
 ; PRIOR APPLICATION NUMBER: 60/230,347  
 ; PRIOR FILING DATE: 2000-09-09  
 ; PRIOR APPLICATION NUMBER: 60/242,578

; PRIOR FILING DATE: 2000-10-23  
 ; PRIOR APPLICATION NUMBER: 60/253,625  
 ; PRIOR FILING DATE: 2000-11-27  
 ; PRIOR APPLICATION NUMBER: 60/257,931  
 ; PRIOR FILING DATE: 2000-12-22  
 ; PRIOR APPLICATION NUMBER: 60/267,636  
 ; PRIOR FILING DATE: 2001-02-09  
 ; PRIOR APPLICATION NUMBER: 60/269,308  
 ; PRIOR FILING DATE: 2001-02-16  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 78614  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 54603  
 ; LENGTH: 934  
 ; TYPE: PRT  
 ; ORGANISM: Campylobacter jejuni  
 ; FEATURE:  
 ; NAME/KEY: MISC\_FEATURE  
 ; LOCATION: (181)..(181)  
 ; OTHER INFORMATION: X=any amino acid  
 US-10-282-122A-54603

Query Match 84.6%; Score 33; DB 15; Length 934;  
 Best Local Similarity 62.3%; Pred. No. 8.2e+02;  
 Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
 |||||:  
 Db 714 SYDSSNVV 721

RESULT 13  
 US-09-797-464A-5  
 ; Sequence 5, Application US/09797464A  
 ; Publication No. US20030022807A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wilting, Reinhard  
 ; APPLICANT: Bjornvad, Mads Eskelund  
 ; APPLICANT: Kauppinen, Markus Sakari  
 ; APPLICANT: Schulein, Martin  
 ; TITLE OF INVENTION: Family 5 Xyloglucanases  
 ; FILE REFERENCE: 6073.200-US  
 ; CURRENT APPLICATION NUMBER: US/09/797,464A  
 ; CURRENT FILING DATE: 2002-02-19  
 ; NUMBER OF SEQ ID NOS: 25  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 5  
 ; LENGTH: 166  
 ; TYPE: PRT  
 ; ORGANISM: Paenibacillus pabuli  
 US-09-797-464A-5

Query Match 82.1%; Score 32; DB 10; Length 166;  
 Best Local Similarity 87.5%; Pred. No. 2.1e+02;  
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
 |||||:  
 Db 108 SYDSSNVV 115

RESULT 14  
 US-10-425-114-63711  
 ; Sequence 63711, Application US/10425114  
 ; Publication No. US20040034888A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Liu, Jingdong  
 ; APPLICANT: Zhou, Yihua  
 ; APPLICANT: Kovalic, David K.  
 ; APPLICANT: Screen, Steven E.  
 ; APPLICANT: Tabaska, Jack E.  
 ; APPLICANT: Cao, Yongwei  
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

```

; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 63711
; LENGTH: 168
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3689-261-G2_FLI.pep
US-10-425-114-63711

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Query Match      82.1%; Score 32; DB 15; Length 168;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY      1 SYDSSNV 7
Db      26 TYDSSNV 32

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## RESULT 15

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US-09-797-464A-9
; Sequence 9, Application US/09797464A
; Publication No. US20030022807A1
; GENERAL INFORMATION:
; APPLICANT: Wiltling, Reinhard
; APPLICANT: Bjornvad, Mads Eskelund
; APPLICANT: Kauppinen, Markus Sakari
; APPLICANT: Schuelein, Martin
; TITLE OF INVENTION: Family 5 Xyloglucanases
; FILE REFERENCE: 6073.200-US
; CURRENT APPLICATION NUMBER: US/09/797,464A
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 174
; TYPE: PRT
; ORGANISM: Paenibacillus pabuli
US-09-797-464A-9

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Query Match      82.1%; Score 32; DB 10; Length 174;
Best Local Similarity 87.5%; Pred. No. 2.2e+02;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      1 SYDSSNV 8
Db      117 SYDSSNV 124

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Search completed: December 18, 2004, 16:58:11
Job time : 9.8139 secs

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**This Page Blank (uspto)**



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: December 18, 2004, 16:11:14 ; Search time 2.10422 Seconds  
(without alignments)  
252.134 Million cell updates/sec

Title: US-09-610-118-66

Perfect score: 39

Sequence: 1 SYDSSNVV 8

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/iaa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/1/iaa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/1/iaa/5A\_COMB.pep:\*  
4: /cgn2\_6/prodata/1/iaa/5B\_COMB.pep:\*  
5: /cgn2\_6/prodata/1/iaa/PCTUS\_COMB.pep:\*  
6: /cgn2\_6/prodata/1/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	32	82.1	96	4	US-09-270-767-32375
2	32	82.1	166	4	US-09-797-464A-5
3	32	82.1	174	4	US-09-797-464A-9
4	32	82.1	363	4	US-09-797-464A-11
5	32	82.1	395	4	US-09-797-464A-2
6	32	82.1	515	4	US-09-107-532A-5317
7	32	82.1	893	3	US-09-514-302-4
8	32	82.1	893	4	US-10-014-436-4
9	32	82.1	1938	3	US-09-514-302-2
10	32	82.1	1938	4	US-10-014-436-2
11	31	79.5	222	1	US-07-869-933-12
12	31	79.5	222	1	US-07-869-933-28
13	31	79.5	222	3	US-09-103-663-12
14	31	79.5	222	3	US-09-103-663-28
15	31	79.5	312	4	US-09-270-767-44603
16	31	79.5	382	4	US-08-311-731A-45
17	31	79.5	518	4	US-09-248-796A-18577
18	30	76.9	112	4	US-08-270-767-34865
19	30	76.9	112	4	US-09-270-767-50082
20	30	76.9	123	4	US-09-270-767-36223
21	30	76.9	123	4	US-09-270-767-51440
22	30	76.9	126	4	US-09-485-973-6
23	30	76.9	213	4	US-09-270-767-43368
24	30	76.9	252	5	PCT-US96-01314-58
25	30	76.9	253	5	PCT-US96-01314-53
26	30	76.9	288	4	US-09-134-000C-4101
27	30	76.9	324	4	US-09-270-767-45984

Sequence 695, Appl  
Sequence 72, Appl  
Sequence 72, Appl  
Sequence 28, Appl  
Sequence 10, Appl  
Sequence 10, Appl  
Sequence 1, Appl  
Sequence 1, Appl  
Sequence 45, Appl  
Sequence 31, Appl  
Sequence 31, Appl  
Sequence 31, Appl  
Sequence 31, Appl  
Sequence 31, Appl  
Sequence 1, Appl  
Sequence 45, Appl  
Sequence 7065, Appl

## ALIGNMENTS

RESULT 1  
US-09-270-767-32375  
; Sequence 32375, Application US/09270767  
; Patent No. 6703491  
; GENERAL INFORMATION:  
; APPLICANT: Homburger et al.  
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
; FILE REFERENCE: File Reference: 7326-094  
; CURRENT APPLICATION NUMBER: US/09/270,767  
; CURRENT FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 62517  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 32375  
; LENGTH: 96  
; TYPE: PRT  
; ORGANISM: Drosophila melanogaster  
US-09-270-767-32375

Query Match 82.1%; Score 32; DB 4; Length 96;  
Best Local Similarity 62.5%; Pred. No. 35;  
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
DB 85 SYDTANIV 92

RESULT 2  
US-09-797-464A-5  
; Sequence 5, Application US/09797464A  
; Patent No. 6630340  
; GENERAL INFORMATION:  
; APPLICANT: Wilting, Reinhard  
; APPLICANT: Bjornvad, Mads Eskelund  
; APPLICANT: Kauppinen, Markus Sakari  
; APPLICANT: Schullein, Martin  
; TITLE OF INVENTION: Family 5 Xyloglucanases  
; FILE REFERENCE: 6073.200-US  
; CURRENT APPLICATION NUMBER: US/09/797,464A  
; CURRENT FILING DATE: 2002-02-19  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 166  
; TYPE: PRT  
; ORGANISM: Paenibacillus pabuli  
US-09-797-464A-5

Query Match 82.1%; Score 32; DB 4; Length 166;  
Best Local Similarity 87.5%; Pred. No. 64;

Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
| | | | |  
Db 108 SYDSSNVV 115

## RESULT 3

US-09-797-464A-9  
; Sequence 9, Application US/09797464A  
; Patent No. 6630340  
; GENERAL INFORMATION:  
; APPLICANT: Wilting, Reinhard  
; APPLICANT: Bjornvad, Mads Eskelund  
; APPLICANT: Kauppinen, Markus Sakari  
; APPLICANT: Schulein, Martin  
; TITLE OF INVENTION: Family 5 Xyloglucanases  
; FILE REFERENCE: 6073.200-US  
; CURRENT APPLICATION NUMBER: US/09/797,464A  
; CURRENT FILING DATE: 2002-02-19  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 9  
; LENGTH: 174  
; TYPE: PRT  
; ORGANISM: Paenibacillus pabuli  
US-09-797-464A-9

Query Match 82.1%; Score 32; DB 4; Length 174;

Best Local Similarity 87.5%; Pred. No. 68;

Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
| | | | |  
Db 117 SYDSSNVV 124

## RESULT 4

US-09-797-464A-11  
; Sequence 11, Application US/09797464A  
; Patent No. 6630340  
; GENERAL INFORMATION:  
; APPLICANT: Wilting, Reinhard  
; APPLICANT: Bjornvad, Mads Eskelund  
; APPLICANT: Kauppinen, Markus Sakari  
; APPLICANT: Schulein, Martin  
; TITLE OF INVENTION: Family 5 Xyloglucanases  
; FILE REFERENCE: 6073.200-US  
; CURRENT APPLICATION NUMBER: US/09/797,464A  
; CURRENT FILING DATE: 2002-02-19  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 11  
; LENGTH: 363  
; TYPE: PRT  
; ORGANISM: Paenibacillus pabuli  
US-09-797-464A-11

Query Match 82.1%; Score 32; DB 4; Length 363;

Best Local Similarity 87.5%; Pred. No. 1.5e+02;

Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
| | | | |  
Db 299 SYDSSNVV 306

## RESULT 5

US-09-797-464A-2  
; Sequence 2, Application US/09797464A  
; Patent No. 6630340  
; GENERAL INFORMATION:  
; APPLICANT: Wilting, Reinhard

; APPLICANT: Bjornvad, Mads Eskelund  
; APPLICANT: Kauppinen, Markus Sakari  
; APPLICANT: Schulein, Martin  
; TITLE OF INVENTION: Family 5 Xyloglucanases  
; FILE REFERENCE: 6073.200-US  
; CURRENT APPLICATION NUMBER: US/09/797,464A  
; CURRENT FILING DATE: 2002-02-19  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 395  
; TYPE: PRT  
; ORGANISM: Paenibacillus pabuli  
US-09-797-464A-2

Query Match 82.1%; Score 32; DB 4; Length 395;

Best Local Similarity 87.5%; Pred. No. 1.7e+02;

Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
| | | | |  
Db 331 SYDSSNVV 338

## RESULT 6

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

QY 1 SYDSSNVV 8  
| | | | |  
Db 117 SYDSSNVV 124

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317  
; Sequence 5317, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

US-09-107-532A-5317

Query Match 82.1%; Score 32; DB 4; Length 515;  
Best Local Similarity 85.7%; Pred. No. 2.2e+02;  
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNV 7  
:|||||  
Db 175 AYDSSNV 181

RESULT 7

US-09-514-302-4  
; Sequence 4, Application US/09514302  
; Patent No. 6338959

; GENERAL INFORMATION:  
; APPLICANT: HATADA, Yuji

; APPLICANT: IGARASHI, Kazuaki  
; APPLICANT: OZAKI, Katsuya

; APPLICANT: ARA, Katsutoshi  
; APPLICANT: KAWAI, Shuji

; APPLICANT: ITO, Susumu  
; TITLE OF INVENTION: GENE FOR ENZYME HAVING BOTH ALKALINE PULLULANASE AND

; FILE REFERENCE: 2173-105P  
; CURRENT APPLICATION NUMBER: US/09/514,302

; EARLIER FILING DATE: 2000-02-28  
; EARLIER FILING DATE: 1997-11-10

; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 4  
; LENGTH: 893

; TYPE: PRT  
; ORGANISM: Bacillus sp.

US-09-514-302-4

Query Match 82.1%; Score 32; DB 3; Length 893;  
Best Local Similarity 62.5%; Pred. No. 4e+02;  
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNV 8  
:|||||  
Db 624 SYDSSDII 631

RESULT 8

US-10-014-436-4  
; Sequence 4, Application US/10014436  
; Patent No. 6689874

; GENERAL INFORMATION:  
; APPLICANT: HATADA, Yuji

; APPLICANT: IGARASHI, Kazuaki  
; APPLICANT: OZAKI, Katsuya

; APPLICANT: ARA, Katsutoshi  
; APPLICANT: KAWAI, Shuji

; APPLICANT: ITO, Susumu  
; TITLE OF INVENTION: Gene for Enzyme Having Both Alkaline Pullulanase and Alkaline Alpi

; FILE REFERENCE: 2173-0122P  
; CURRENT APPLICATION NUMBER: US/10/014,436

; EARLIER FILING DATE: 2002-05-21  
; EARLIER FILING DATE: 1995-05-10

; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.1

; LENGTH: 893  
; TYPE: PRT  
; ORGANISM: Bacillus sp.

US-10-014-436-4

Query Match 82.1%; Score 32; DB 4; Length 893;  
Best Local Similarity 62.5%; Pred. No. 4e+02;  
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNV 8  
:|||||  
Db 624 SYDSSDII 631

RESULT 9

US-09-514-302-2  
; Sequence 2, Application US/09514302  
; Patent No. 6338959

; GENERAL INFORMATION:  
; APPLICANT: HATADA, Yuji

; APPLICANT: IGARASHI, Kazuaki  
; APPLICANT: OZAKI, Katsuya

; APPLICANT: ARA, Katsutoshi  
; APPLICANT: KAWAI, Shuji

; APPLICANT: ITO, Susumu  
; TITLE OF INVENTION: GENE FOR ENZYME HAVING BOTH ALKALINE PULLULANASE AND

; FILE REFERENCE: 2173-105P  
; CURRENT APPLICATION NUMBER: US/09/514,302

; EARLIER FILING DATE: 2000-02-28  
; EARLIER FILING DATE: 1997-11-10

; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 2  
; LENGTH: 1938

; TYPE: PRT  
; ORGANISM: Bacillus sp.

US-09-514-302-2

Query Match 82.1%; Score 32; DB 3; Length 1938;  
Best Local Similarity 62.5%; Pred. No. 9.4e+02;  
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNV 8  
:|||||  
Db 1669 SYDSSDII 1676

RESULT 10

US-10-014-436-2  
; Sequence 2, Application US/10014436  
; Patent No. 6689874

; GENERAL INFORMATION:  
; APPLICANT: HATADA, Yuji

; APPLICANT: IGARASHI, Kazuaki  
; APPLICANT: OZAKI, Katsuya

; APPLICANT: ARA, Katsutoshi  
; APPLICANT: KAWAI, Shuji

; APPLICANT: ITO, Susumu  
; TITLE OF INVENTION: Gene for Enzyme Having Both Alkaline Pullulanase and Alkaline Alpi

; FILE REFERENCE: 2173-0122P  
; CURRENT APPLICATION NUMBER: US/10/014,436

; EARLIER FILING DATE: 2002-05-21  
; EARLIER FILING DATE: 1995-05-10

; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.1

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/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2
/ LENGTH: 1938
/ TYPE: PRT
/ ORGANISM: Bacillus sp.
US-10-014-436-2

Query Match      82.1%; Score 32; DB 4; Length 1938;
Best Local Similarity 62.5%; Pred. No. 9.4e+02;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYDSSNV 8
Db      1669 SYDSSDII 1676

RESULT 11
US-07-869-933-12
/ Sequence 12, Application US/07869933
/ Patent No. 5770396
/ GENERAL INFORMATION:
/ APPLICANT: KINET, Jean-Pierre
/ TITLE OF INVENTION: ISOLATION, CHARACTERIZATION, AND USE OF
/ TITLE OF INVENTION: THE HUMAN B SUBUNIT OF THE HIGH AFFINITY RECEPTOR FOR
/ TITLE OF INVENTION: IMMUNOGLOBULIN
/ NUMBER OF SEQUENCES: 34
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Foley & Lardner
/ STREET: 1800 Diagonal Road, Suite 500
/ CITY: Alexandria
/ STATE: VA
/ COUNTRY: USA
/ ZIP: 22313-0299
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/869,933
/ FILING DATE: 19920416
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: BENT, Stephen A.
/ REGISTRATION NUMBER: 29,768
/ REFERENCE/DOCKET NUMBER: 40399/154 NIHD
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)836-9300
/ TELEFAX: (703)683-4109
/ TELEX: 899149
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 222 amino acids
/ TYPE: AMINO ACID
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ ORIGINAL SOURCE:
/ STRAIN: alpha subunit
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/869,933
/ FILING DATE: 19920416
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: BENT, Stephen A.
/ REGISTRATION NUMBER: 29,768
/ REFERENCE/DOCKET NUMBER: 40399/154 NIHD
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)836-9300
/ TELEFAX: (703)683-4109
/ TELEX: 899149
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 222 amino acids
/ TYPE: AMINO ACID
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ ORIGINAL SOURCE:
/ ORGANISM: Rat
/ STRAIN: FCRI alpha subunit
US-07-869-933-12

Query Match      79.5%; Score 31; DB 1; Length 222;
Best Local Similarity 71.4%; Pred. No. 1.4e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 SYDSSNV 7
Db      130 SYDSSNI 136

RESULT 13
US-09-103-663-12
/ Sequence 12, Application US/09103663D
/ Patent No. 6171803
/ GENERAL INFORMATION:
/ APPLICANT: Kinet et al.
/ TITLE OF INVENTION: Isolation, characterization, and use of the human beta
/ TITLE OF INVENTION: subunit of the high affinity receptor for
/ TITLE OF INVENTION: immunoglobulin E.
/ FILE REFERENCE: 50490
/ CURRENT APPLICATION NUMBER: US/09/103,663D
/ CURRENT FILING DATE: 1998-06-23
/ EARLIER APPLICATION NUMBER: 07/869,933
/ EARLIER FILING DATE: 1992-04-16
/ NUMBER OF SEQ ID NOS: 35
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 12
/ LENGTH: 222
/ TYPE: PRT
/ ORGANISM: Rattus sp.
US-09-103-663-12
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Query Match 79.5%; Score 31; DB 3; Length 222;  
Best Local Similarity 71.4%; Pred. No. 1.4e+02;  
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNV 7  
|||:  
Db 130 SYDSNNI 136

## RESULT 14

US-09-103-663-28  
; Sequence 28; Application US/09103663D  
; Patent No. 6171803  
; GENERAL INFORMATION:  
; APPLICANT: Kinet et al.  
; TITLE OF INVENTION: Isolation, characterization, and use of the human beta  
; TITLE OF INVENTION: subunit of the high affinity receptor for  
; TITLE OF INVENTION: immunoglobulin E.  
; FILE REFERENCE: 50490  
; CURRENT APPLICATION NUMBER: US/09/103,663D  
; CURRENT FILING DATE: 1998-06-23  
; EARLIER APPLICATION NUMBER: 07/869,933  
; EARLIER FILING DATE: 1992-04-16  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 28  
; LENGTH: 222  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-103-663-28

Query Match 79.5%; Score 31; DB 3; Length 222;  
Best Local Similarity 71.4%; Pred. No. 1.4e+02;  
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNV 7  
|||:  
Db 130 SYDSNNI 136

## RESULT 15

US-09-270-767-44603  
; Sequence 44603; Application US/09270767  
; Patent No. 6703491  
; GENERAL INFORMATION:  
; APPLICANT: Homburger et al.  
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
; FILE REFERENCE: File Reference: 7326-094  
; CURRENT APPLICATION NUMBER: US/09/270,767  
; CURRENT FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 62517  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 44603  
; LENGTH: 312  
; TYPE: PRT  
; ORGANISM: Drosophila melanogaster  
; FEATURE:  
; OTHER INFORMATION: Xaa means any amino acid  
US-09-270-767-44603

Query Match 79.5%; Score 31; DB 4; Length 312;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSN 6  
|||:  
Db 99 SYDSSN 104

Search completed: December 18, 2004, 16:21:55  
Job time : 4.10422 secs

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GenCore version 5.1.1.6  
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OM protein - protein search, using sw model

Run on: December 18, 2004, 18:29:07 ; Search time 141 Seconds  
(without alignments)  
20.303 Million cell updates/sec

Title: US-09-610-118-66

Perfect score: 39

Sequence: 1 SYDSSNVV 8

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1599859 seqs, 357834939 residues

Total number of hits satisfying chosen parameters: 82529

Minimum DB seq length: 0

Maximum DB seq length: 8

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:  
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2: /cgn2\_6/ptodata/2/pubpaa/ECT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*  
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10: /cgn2\_6/ptodata/2/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/2/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/2/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/2/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/2/pubpaa/US10D\_PUBCOMB.pep.\*  
17: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	39	100.0	8	9	US-09-832-312-66
2	39	100.0	8	11	US-09-829-495-66
3	28	71.8	8	9	US-09-809-517A-22
4	24	61.5	7	14	US-10-384-060-64
5	21	53.8	5	9	US-09-065-902-1
6	21	53.8	6	9	US-09-065-902-12
7	21	53.8	6	16	US-10-888-925-42
8	21	53.8	7	9	US-09-896-251-13
9	21	53.8	7	9	US-09-896-245-13
10	21	53.8	7	9	US-09-989-789-169
11	21	53.8	7	9	US-09-989-789-170
12	21	53.8	7	9	US-09-989-789-196
13	21	53.8	7	9	US-09-989-789-197

14	21	53.8	7	9	US-09-989-789-277	Sequence 277, App
15	21	53.8	7	9	US-09-989-789-333	Sequence 333, App
16	21	53.8	7	9	US-09-989-789-384	Sequence 384, App
17	21	53.8	7	9	US-09-989-789-385	Sequence 385, App
18	21	53.8	7	9	US-09-989-789-386	Sequence 386, App
19	21	53.8	7	9	US-09-989-789-742	Sequence 742, App
20	21	53.8	7	9	US-09-989-789-1888	Sequence 1888, App
21	21	53.8	7	9	US-09-989-789-1894	Sequence 1894, App
22	21	53.8	7	9	US-09-989-789-2514	Sequence 2514, App
23	21	53.8	7	9	US-09-989-789-3878	Sequence 3878, App
24	21	53.8	7	9	US-09-065-902-10	Sequence 10, App1
25	21	53.8	7	9	US-09-065-902-13	Sequence 13, App1
26	21	53.8	7	9	US-09-969-244-13	Sequence 13, App1
27	21	53.8	7	10	US-09-990-186-159	Sequence 169, App
28	21	53.8	7	10	US-09-990-186-170	Sequence 170, App
29	21	53.8	7	10	US-09-990-186-186	Sequence 186, App
30	21	53.8	7	10	US-09-990-186-197	Sequence 197, App
31	21	53.8	7	10	US-09-990-186-277	Sequence 277, App
32	21	53.8	7	10	US-09-990-186-333	Sequence 333, App
33	21	53.8	7	10	US-09-990-186-384	Sequence 384, App
34	21	53.8	7	10	US-09-990-186-385	Sequence 385, App
35	21	53.8	7	10	US-09-990-186-386	Sequence 386, App
36	21	53.8	7	10	US-09-990-186-742	Sequence 742, App
37	21	53.8	7	10	US-09-990-186-1888	Sequence 1888, App
38	21	53.8	7	10	US-09-990-186-1894	Sequence 1894, App
39	21	53.8	7	10	US-09-990-186-2514	Sequence 2514, App
40	21	53.8	7	10	US-09-990-186-3878	Sequence 3878, App
41	21	53.8	7	10	US-09-989-994-159	Sequence 159, App
42	21	53.8	7	10	US-09-989-994-170	Sequence 170, App
43	21	53.8	7	10	US-09-989-994-196	Sequence 196, App
44	21	53.8	7	10	US-09-989-994-197	Sequence 197, App
45	21	53.8	7	10	US-09-989-994-277	Sequence 277, App

#### ALIGNMENTS

RESULT 1  
US-09-832-312-66  
; Sequence 66, Application US/09832312  
; Patent No. US20010049829A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield et al.  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/832,312  
; PRIOR FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 66  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-312-66

Query Match 100.0%; Score 39; DB 9; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNVV 8  
DB 1 SYDSSNVV 8

RESULT 2

US-09-829-495-66  
; Sequence 66, Application US/09829495  
; Publication No. US20040001826A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield SJ  
; APPLICANT: Villevial J  
; APPLICANT: Jandrot-Petrus M  
; APPLICANT: Vainchenker W  
; APPLICANT: Gill DS  
; APPLICANT: Qian MD  
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
; FILE REFERENCE: 7853-234  
; CURRENT APPLICATION NUMBER: US/09/829,495  
; CURRENT FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: 09/610,118  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: 09/503,387  
; PRIOR FILING DATE: 2000-02-14  
; PRIOR APPLICATION NUMBER: 09/454,824  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 09/345,468  
; PRIOR FILING DATE: 1999-06-30  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 66  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-829-495-66

Query Match 100.0%; Score 39; DB 11; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSSNV 8  
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Db 1 SYDSSNV 8

RESULT 3  
US-09-809-517A-22  
; Sequence 22, Application US/09809517A  
; Patent No. US20020034733A1  
; GENERAL INFORMATION:  
; APPLICANT: Lohning, Corinna  
; TITLE OF INVENTION: No. US20020034733A1 methods for displaying (poly)peptides/prote  
; FILE REFERENCE: MORPHO/11  
; CURRENT APPLICATION NUMBER: US/09/809,517A  
; CURRENT FILING DATE: 2001-03-15  
; PRIOR APPLICATION NUMBER: EP 99114072.4  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: EP 00103551.8  
; PRIOR FILING DATE: 2000-02-18  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 22  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic module  
US-09-809-517A-22

Query Match 71.8%; Score 28; DB 9; Length 8;  
Best Local Similarity 71.4%; Pred. No. 1.4e+06;  
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNV 7  
|||  
Db 2 SYDSNGL 8

RESULT 4  
US-10-384-060-64  
; Sequence 64, Application US/10384060  
; Publication No. US20030226155A1  
; GENERAL INFORMATION:  
; APPLICANT: SADEGHI, Homayoun  
; APPLICANT: PRIOR, Christopher P.  
; APPLICANT: TURNER, Andrew  
; TITLE OF INVENTION: MODIFIED TRANSFERRIN-ANTIBODY FUSION PROTEINS  
; FILE REFERENCE: 54710-5004-US  
; CURRENT APPLICATION NUMBER: US/10/384,060  
; CURRENT FILING DATE: 2003-03-10  
; PRIOR APPLICATION NUMBER: US 10/231,494  
; PRIOR FILING DATE: 2002-08-30  
; PRIOR APPLICATION NUMBER: US 60/334,059  
; PRIOR FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: US 60/315,745  
; PRIOR FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: US 60/406,977  
; PRIOR FILING DATE: 2002-08-30  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: Patentin version 3.2  
; SEQ ID NO 64  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: 33 CDR2 sequence  
US-10-384-060-64

Query Match 61.5%; Score 24; DB 14; Length 7;  
Best Local Similarity 80.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YDSSN 6  
|||  
Db 1 YDASN 5

RESULT 5  
US-09-065-902-1  
; Sequence 1, Application US/09065902  
; Publication No. US20020086444A1  
; GENERAL INFORMATION:  
; APPLICANT: Tanski, Rudolph E.  
; TITLE OF INVENTION: A Purified 20 kDa Presenilin 2  
; C-terminal Fragment and Methods of Screening for Compounds  
; that Inhibit Proteolysis of Presenilin 2  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
; STREET: 1100 New York Avenue, NW, Suite 600  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/065,902  
; FILING DATE: 24-Apr-1998  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/044,262  
; FILING DATE: 24-APR-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Goldstein, Jorge A.  
; REGISTRATION NUMBER: 29,021  
; REFERENCE/DOCKET NUMBER: 0609,4270001/JAG/S-S



TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-065-902-1

Query Match 53.8%; Score 21; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDS 4  
Db 2 SYDS 5

RESULT 6  
US-09-065-902-12  
; Sequence 12; Application US/09065902  
; Publication No. US2002008644A1  
; GENERAL INFORMATION:  
; APPLICANT: Tanzi, Rudolph E.  
; Kim, Tae-Wan  
; TITLE OF INVENTION: A Purified 20 kDa Presenilin 2  
; C-terminal Fragment and Methods of Screening for Compounds  
; that Inhibit Proteolysis of Presenilin 2  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
; STREET: 1100 New York Avenue, NW, Suite 600  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/065,902  
; FILING DATE: 24-Apr-1998  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/044,262  
; FILING DATE: 24-APR-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Goldstein, Jorge A.  
; REGISTRATION NUMBER: 29,021  
; REFERENCE/DOCKET NUMBER: 0609,4270001/JAG/S-S  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 6 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: peptide  
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
US-09-065-902-12

Query Match 53.8%; Score 21; DB 9; Length 6;  
Best Local Similarity 100.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDS 4  
Db 3 SYDS 6

RESULT 7  
US-10-688-925-42  
; Sequence 42; Application US/10688925  
; Publication No. US20040142382A1  
; GENERAL INFORMATION:  
; APPLICANT: Veldman, Geertuida et al.  
; TITLE OF INVENTION: NEUTRALIZING ANTIBODIES AGAINST GDF 8 AND USES THEREFOR  
; FILE REFERENCE: 08702.0020-00000  
; CURRENT APPLICATION NUMBER: US/10/688,925  
; CURRENT FILING DATE: 2003-10-21  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 42  
; LENGTH: 6  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-688-925-42

Query Match 53.8%; Score 21; DB 16; Length 6;  
Best Local Similarity 80.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDS 5  
Db 2 SYDS 6

RESULT 8  
US-09-896-251-13  
; Sequence 13; Application US/09896251  
; Patent No. US20020041880A1  
; GENERAL INFORMATION:  
; APPLICANT: Merck & Co., Inc.  
; APPLICANT: DeFeo-Jones, Deborah  
; APPLICANT: Heimbrock, David C.  
; APPLICANT: Jones, Raymond E.  
; TITLE OF INVENTION: A METHOD OF TREATING CANCER  
; FILE REFERENCE: 20662  
; CURRENT APPLICATION NUMBER: US/09/896,251  
; CURRENT FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: 60/215,934  
; PRIOR FILING DATE: 2000-07-05  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 13  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: completely synthetic amino acid sequence  
; NAME/KEY: ACETYLATION  
; LOCATION: (1)-(1)  
; OTHER INFORMATION: acetylated N-terminus amino acid  
; US-09-896-251-13

Query Match 53.8%; Score 21; DB 9; Length 7;  
Best Local Similarity 57.1%; Pred. No. 1.4e+06;  
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSNV 7  
Db 1 SYOSSSL 7

RESULT 9  
US-09-896-245-13  
; Sequence 13; Application US/09896245  
; Patent No. US20020042375A1



QY 3 DSSNV 7  
||||:  
Db 1 DSSNL 5

RESULT 14  
US-09-989-789-277  
; Sequence 277, Application US/09989789  
; Patent No. US20020063379A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
; FILE REFERENCE: 8325-0011.20 / S11-US2  
; CURRENT APPLICATION NUMBER: US/09/989,789  
; CURRENT FILING DATE: 2002-03-25  
; NUMBER OF SEQ ID NOS: 4085  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 277  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example ZFP  
US-09-989-789-277

Query Match 53.8%; Score 21; DB 9; Length 7;  
Best Local Similarity 80.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 3 DSSNV 7  
||||:  
Db 1 DSSNL 5

RESULT 15  
US-09-989-789-333  
; Sequence 333, Application US/09989789  
; Patent No. US20020063379A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
; FILE REFERENCE: 8325-0011.20 / S11-US2  
; CURRENT APPLICATION NUMBER: US/09/989,789  
; CURRENT FILING DATE: 2002-03-25  
; NUMBER OF SEQ ID NOS: 4085  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 333  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example ZFP  
US-09-989-789-333

Query Match 53.8%; Score 21; DB 9; Length 7;  
Best Local Similarity 80.0%; Pred. No. 1.4e+06;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 3 DSSNV 7  
||||:  
Db 1 DSSNL 5

Search completed: December 18, 2004, 18:42:53  
Job time : 141 secs

This Page Blank (uspto)

GenCore version 5.1.6  
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QM protein - protein search, using sw model

Run on: December 18, 2004, 18:20:10 ; Search time 37 Seconds  
(without alignments)  
14.339 Million cell updates/sec

Title: US-09-610-118-66

Perfect score: 39

Sequence: 1 SYDSSNV 8

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 73656

Minimum DB seq length: 0

Maximum DB seq length: 8

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

- 1: /cgn2\_6/prodata/1/1aa/5A-COMB.pep.\*
- 2: /cgn2\_6/prodata/1/1aa/5B-COMB.pep.\*
- 3: /cgn2\_6/prodata/1/1aa/5A-COMB.pep.\*
- 4: /cgn2\_6/prodata/1/1aa/5B-COMB.pep.\*
- 5: /cgn2\_6/prodata/1/1aa/5A-COMB.pep.\*
- 6: /cgn2\_6/prodata/1/1aa/5B-COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	28	71.8	8	4	US-09-809-517A-22
2	22	56.4	7	1	US-08-044-547-10
3	22	56.4	7	1	US-09-708-606-21
4	22	56.4	8	2	US-08-466-860-21
5	22	56.4	8	2	US-08-466-860-24
6	22	56.4	8	3	US-08-472-040A-21
7	22	56.4	8	3	US-08-472-040A-24
8	22	56.4	8	3	US-08-756-849-116
9	22	56.4	8	3	US-08-276-776-21
10	22	56.4	8	3	US-08-276-776-24
11	22	56.4	8	3	US-08-471-209-21
12	22	56.4	8	3	US-08-471-209-24
13	22	56.4	8	3	US-08-055-006-3
14	22	56.4	8	4	US-09-708-606-18
15	22	56.4	8	4	US-09-708-606-27
16	21	53.8	7	1	US-08-201-046A-11
17	21	53.8	7	2	US-08-540-412-107
18	21	53.8	7	2	US-08-540-412-144
19	21	53.8	7	2	US-08-926-412-57
20	21	53.8	7	3	US-08-756-849-120
21	21	53.8	7	3	US-09-051-342-107
22	21	53.8	7	3	US-09-051-342-144
23	21	53.8	7	3	US-08-468-161-107
24	21	53.8	7	3	US-08-468-161-144
25	21	53.8	7	3	US-09-051-759-107
26	21	53.8	7	3	US-09-051-759-144
27	21	53.8	7	3	US-09-254-892-57

Sequence 47, Appl  
Sequence 107, App  
Sequence 144, App  
Sequence 18, Appl  
Sequence 16, Appl  
Sequence 35, Appl  
Sequence 43, Appl  
Sequence 15, Appl  
Sequence 2, Appl  
Sequence 2, Appl  
Sequence 134, App  
Sequence 19, Appl  
Sequence 134, App  
Sequence 134, App  
Sequence 134, App  
Sequence 19, Appl  
Sequence 134, App  
Sequence 88, Appl

21 53.8 7 4 US-09-691-523A-47  
21 53.8 7 5 PCT-US95-08156-107  
21 53.8 7 5 PCT-US95-08156-144  
21 53.8 8 1 US-08-446-206B-18  
21 53.8 8 2 US-08-807-030-16  
21 53.8 8 2 US-08-807-030-35  
21 53.8 8 2 US-08-807-030-43  
21 53.8 8 2 US-08-807-030-43  
21 53.8 8 2 US-08-695-692B-15  
20 51.3 6 1 US-07-706-699-2  
20 51.3 6 1 US-07-998-931-2  
20 51.3 6 2 US-08-540-412-134  
20 51.3 6 2 US-08-926-412-19  
20 51.3 6 3 US-09-051-342-134  
20 51.3 6 3 US-08-468-161-134  
20 51.3 6 3 US-09-051-759-134  
20 51.3 6 3 US-09-254-892-19  
20 51.3 6 5 PCT-US95-08156-134  
20 51.3 7 2 US-08-540-412-88

#### ALIGNMENTS

##### RESULT 1

US-09-809-517A-22  
; Sequence 22, Application US/09809517A  
; Patent No. 6753136

; GENERAL INFORMATION:  
; APPLICANT: Lohning, Corinna

; TITLE OF INVENTION: No. 6753136e1 methods for displaying (poly)peptides/proteins on be  
; FILE REFERENCE: MORPHO/11  
; CURRENT APPLICATION NUMBER: US/09/809,517A

; PRIOR FILING DATE: 2001-03-15

; PRIOR APPLICATION NUMBER: EP 99114072.4

; PRIOR FILING DATE: 1999-07-20

; PRIOR APPLICATION NUMBER: EP 00103551.8

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 22

; LENGTH: 8

; TYPE: PRT

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic module  
US-09-809-517A-22

Query Match 71.8%; Score 28; DB 4; Length 8;  
Best Local Similarity 71.4%; Pred. No. 3.8e+05;  
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSNV 7

Db 2 SYDSGNL 8

##### RESULT 2

US-08-044-547-10

; Sequence 10, Application US/08044547

; Patent No. 5324715

; GENERAL INFORMATION:

; APPLICANT: Connolly, Thomas M.

; APPLICANT: Keller, Paul M.

; TITLE OF INVENTION: Protein for Inhibiting

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSES: Merck & Co., Inc.

; STREET: P.O. Box 2000

; CITY: Rahway

; STATE: New Jersey

; COUNTRY: US

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/ ZIP: 07065
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/044,547
/ FILING DATE:
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/594,917
/ FILING DATE: 09-OCT-1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Parr, Richard S.
/ REGISTRATION NUMBER: 32,586
/ REFERENCE/DOCKET NUMBER: 18053
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (908) 594-4958
/ TELEFAX: (908) 594-4720
/ TELEX: 138825
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 7 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: unknown
/ MOLECULE TYPE: peptide
/ US-08-044-547-10

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Query Match 56.4%; Score 22; DB 1; Length 7;
Best Local Similarity 66.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 2 YDSSNV 7
Db 2 YDQPNV 7

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RESULT 3
US-09-708-606-21
/ Sequence 21, Application US/09708606
/ Patent No. 6682740
/ GENERAL INFORMATION:
/ APPLICANT: ERDEI, Anna
/ APPLICANT: PECHT, Israel
/ TITLE OF INVENTION: PEPTIDES DERIVED FROM COMPLEMENT PEPTIDE C3a SEQUENCE
/ FILE REFERENCE: ERDEI=1a
/ CURRENT APPLICATION NUMBER: US/09/708,606
/ PRIOR FILING DATE: 2000-11-09
/ PRIOR APPLICATION NUMBER: 09/446,464
/ PRIOR FILING DATE: 1999-12-22
/ PRIOR APPLICATION NUMBER: PCT/IL98/00292
/ PRIOR FILING DATE: 1998-06-22
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 21
/ LENGTH: 7
/ TYPE: PPT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: Residue 7 may be amidated
/ US-09-708-606-21

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Query Match 56.4%; Score 22; DB 4; Length 7;
Best Local Similarity 66.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY 3 DSSNVV 8
Db 1 DSSNVI 6

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RESULT 4
US-08-466-860-21
/ Sequence 21, Application US/08466860
/ Patent No. 5985552
/ GENERAL INFORMATION:
/ APPLICANT: HOWELL, MARK D.
/ APPLICANT: BROSTOFF, STEVEN W.
/ APPLICANT: CARLO, DENNIS J.
/ TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
/ RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
/ POPULATIONS
/ TITLE OF INVENTION:
/ NUMBER OF SEQUENCES: 75
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: CAMPBELL AND FLORES
/ STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
/ CITY: SAN DIEGO
/ STATE: CALIFORNIA
/ COUNTRY: UNITED STATES
/ ZIP: 92122
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/466,860
/ FILING DATE:
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/813,867
/ FILING DATE: 24-DEC-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: CAMPBELL, CATHRYN
/ REGISTRATION NUMBER: 31,815
/ REFERENCE/DOCKET NUMBER: P-IM 9107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619-535-9001
/ TELEFAX: 619-535-8949
/ INFORMATION FOR SEQ ID NO: 21:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 8 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: Peptide
/ FRAGMENT TYPE: N-terminal
/ US-08-466-860-21

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Query Match 56.4%; Score 22; DB 2; Length 8;
Best Local Similarity 83.3%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 SYDSSN 6
Db 1 SSDSSN 6

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RESULT 5
US-08-466-860-24
/ Sequence 24, Application US/08466860
/ Patent No. 5985552
/ GENERAL INFORMATION:
/ APPLICANT: HOWELL, MARK D.
/ APPLICANT: BROSTOFF, STEVEN W.
/ APPLICANT: CARLO, DENNIS J.
/ TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
/ RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
/ POPULATIONS
/ TITLE OF INVENTION:
/ NUMBER OF SEQUENCES: 75
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: CAMPBELL AND FLORES
/ STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
/ CITY: SAN DIEGO

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STATE: CALIFORNIA  
COUNTRY: UNITED STATES  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,860  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/813,867  
FILING DATE: 24-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: CAMPBELL, CATHRYN  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-IM 9107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-535-9001  
TELEFAX: 619-535-8949  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FRAGMENT TYPE: N-terminal  
US-08-466-860-24

Query Match 56.4%; Score 22; DB 2; Length 8;  
Best Local Similarity 83.3%; Pred. No. 3.8e+05;  
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSN 6  
DB 1 SSDSSN 6

RESULT 6  
US-08-472-040A-21  
Sequence 21, Application US/08472040A  
Patent No. 6090387  
GENERAL INFORMATION:  
APPLICANT: HOWELL, MARK D.  
APPLICANT: BROSTOFF, STEVEN W.  
APPLICANT: CARLO, DENNIS J.  
TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES  
TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL  
NUMBER OF SEQUENCES: 77  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CAMPBELL & FLORES LLP  
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700  
CITY: SAN DIEGO  
STATE: CALIFORNIA  
COUNTRY: UNITED STATES  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/472,040A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: CAMPBELL, CATHRYN  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-IM 1641  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-535-9001  
TELEFAX: 619-535-8949  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FRAGMENT TYPE: N-terminal  
US-08-472-040A-21

Query Match 56.4%; Score 22; DB 3; Length 8;  
Best Local Similarity 83.3%; Pred. No. 3.8e+05;  
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSN 6  
DB 1 SSDSSN 6

RESULT 7  
US-08-472-040A-24  
Sequence 24, Application US/08472040A  
Patent No. 6090387  
GENERAL INFORMATION:  
APPLICANT: HOWELL, MARK D.  
APPLICANT: BROSTOFF, STEVEN W.  
APPLICANT: CARLO, DENNIS J.  
TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES  
TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL  
NUMBER OF SEQUENCES: 77  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CAMPBELL & FLORES LLP  
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700  
CITY: SAN DIEGO  
STATE: CALIFORNIA  
COUNTRY: UNITED STATES  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/472,040A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: CAMPBELL, CATHRYN  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-IM 1641  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-535-9001  
TELEFAX: 619-535-8949  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FRAGMENT TYPE: N-terminal  
US-08-472-040A-24

Query Match 56.4%; Score 22; DB 3; Length 8;  
Best Local Similarity 83.3%; Pred. No. 3.8e+05;  
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSN 6  
DB 1 SSDSSN 6

RESULT 8  
US-08-756-849-116  
; Sequence 116, Application US/08756849  
; Patent No. 6093810  
; GENERAL INFORMATION:  
; APPLICANT: Bird, David McK.  
; APPLICANT: Wilson, Mark A.  
; TITLE OF INVENTION: Nematode-Induced Genes in Tomato  
; NUMBER OF SEQUENCES: 129  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/756,849  
; FILING DATE: 26-NOV-1996  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/248,474  
; FILING DATE: 25-MAY-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bastian, Kevin L.  
; REGISTRATION NUMBER: 34,774  
; REFERENCE/DOCKET NUMBER: 023070-053510US  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 116:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 8 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-756-849-116

Query Match 56.4%; Score 22; DB 3; Length 8;  
Best Local Similarity 80.0%; Pred. No. 3.8e+05;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SYDSS 5  
DB 4 SYDNS 8

RESULT 9  
US-08-276-776-21  
; Sequence 21, Application US/08276776  
; Patent No. 6207645  
; GENERAL INFORMATION:  
; APPLICANT: HOWELL, MARK D.  
; APPLICANT: BROSTOFF, STEVEN W.  
; APPLICANT: CARLO, DENNIS J.  
; TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES  
; RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL  
; NUMBER OF SEQUENCES: 75  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CAMPBELL AND FLORES  
; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700  
; CITY: SAN DIEGO  
; STATE: CALIFORNIA  
; COUNTRY: UNITED STATES  
; ZIP: 92122  
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/276,776  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/813,867  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: CAMPBELL, CATHRYN  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-IM 9107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-535-9001  
TELEFAX: 619-535-8949  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FRAGMENT TYPE: N-terminal  
US-08-276-776-21

Query Match 56.4%; Score 22; DB 3; Length 8;  
Best Local Similarity 83.3%; Pred. No. 3.8e+05;  
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSS 6  
DB 1 SSDSS 6

RESULT 10  
US-08-276-776-24  
; Sequence 24, Application US/08276776  
; Patent No. 6207645  
; GENERAL INFORMATION:  
; APPLICANT: HOWELL, MARK D.  
; APPLICANT: BROSTOFF, STEVEN W.  
; APPLICANT: CARLO, DENNIS J.  
; TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES  
; RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL  
; NUMBER OF SEQUENCES: 75  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CAMPBELL AND FLORES  
; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700  
; CITY: SAN DIEGO  
; STATE: CALIFORNIA  
; COUNTRY: UNITED STATES  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/276,776  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/813,867  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CAMPBELL, CATHRYN  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-IM 9107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-535-9001



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; TELEFAX: 619-535-8949
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
US-08-276-776-24

Query Match          56.4%; Score 22; DB 3; Length 8;
Best Local Similarity 83.3%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSN 6
   | | | | |
Db 1 SSDSSN 6

RESULT 11
US-08-471-209-21
; Sequence 21, Application US/08471209
; Patent No. 6221352
; GENERAL INFORMATION:
; APPLICANT: HOWELL, MARK D.
; APPLICANT: BROSTOFF, STEVEN W.
; APPLICANT: CARLO, DENNIS J.
; TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
; TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL AND FLORES
; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,209
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION NUMBER: US 07/813,867
; FILING DATE: 24-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, CATHRYN
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IM 9107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-9001
; TELEFAX: 619-535-8949
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
US-08-471-209-24

Query Match          56.4%; Score 22; DB 3; Length 8;
Best Local Similarity 83.3%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSN 6
   | | | | |
Db 1 SSDSSN 6

RESULT 12
US-08-471-209-24
; Sequence 24, Application US/08471209
; Patent No. 6221352
; GENERAL INFORMATION:
; APPLICANT: HOWELL, MARK D.
; APPLICANT: BROSTOFF, STEVEN W.
; APPLICANT: CARLO, DENNIS J.
; TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
; TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL AND FLORES
; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,209
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION NUMBER: US 07/813,867
; FILING DATE: 24-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, CATHRYN
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IM 9107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-9001
; TELEFAX: 619-535-8949
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: N-terminal
US-08-471-209-24

Query Match          56.4%; Score 22; DB 3; Length 8;
Best Local Similarity 83.3%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SYDSSN 6
   | | | | |
Db 1 SSDSSN 6

RESULT 13
US-08-055-006-3
; Sequence 3, Application US/08055006
; Patent No. 6464978
; GENERAL INFORMATION:
; APPLICANT: Brostoff, Steven W.
; APPLICANT: Wilson, Darcy B.
; APPLICANT: Smith, Lawrence R.
; APPLICANT: Gold, Daniel P.
; APPLICANT: Carlo, Dennis J.
; TITLE OF INVENTION: Vaccination and Methods Against Multiple
; TITLE OF INVENTION: Sclerosis Resulting From Pathogenic Responses By Specific T
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: CAMPBELL & FLORES LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/055,006  
FILING DATE: 09-Feb-1993  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-IM 9611  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619)535-9001  
TELEFAX: (619)535-8949  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-08-055-006-3

Query Match 56.4%; Score 22; DB 4; Length 8;  
Best Local Similarity 83.3%; Pred. No. 3.8e+05;  
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 SYDSSN 6  
Db 1 SYDSSN 6

RESULT 14  
US-09-708-606-18  
; Sequence 18, Application US/09708606  
; Patent No. 6682740  
; GENERAL INFORMATION:  
; APPLICANT: ERDEI, Anna  
; TITLE OF INVENTION: PEPTIDES DERIVED FROM COMPLEMENT PEPTIDE C3a SEQUENCE  
; FILE REFERENCE: ERDEI-1A  
; CURRENT APPLICATION NUMBER: US/09/708,606  
; PRIOR FILING DATE: 2000-11-09  
; PRIOR APPLICATION NUMBER: 09/446,464  
; PRIOR FILING DATE: 1999-12-22  
; PRIOR APPLICATION NUMBER: PCT/IL98/00292  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 18  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
; OTHER INFORMATION: Xaa at pos. 1 is either present or absent. When  
; OTHER INFORMATION: Xaa at pos. 1 is present it is Leu; when Xaa at  
; OTHER INFORMATION: pos. 1 is absent, the Asp at pos. 2 may be modified  
; OTHER INFORMATION: with a lower alkanoyl group.  
; OTHER INFORMATION: Xaa at pos. 8 is either present or absent. When  
; OTHER INFORMATION: Xaa at pos. 8 is present it is Arg, Arg-NH2,  
; OTHER INFORMATION: or Arg (agmatine).  
US-09-708-606-18

Query Match 56.4%; Score 22; DB 4; Length 8;  
Best Local Similarity 66.7%; Pred. No. 3.8e+05;  
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
Qy 3 DSSNVW 8  
Db 2 DSSNYI 7

RESULT 15  
US-09-708-606-27  
; Sequence 27, Application US/09708606  
; Patent No. 6682740  
; GENERAL INFORMATION:  
; APPLICANT: ERDEI, Anna  
; APPLICANT: PECHT, Israel  
; TITLE OF INVENTION: PEPTIDES DERIVED FROM COMPLEMENT PEPTIDE C3a SEQUENCE  
; FILE REFERENCE: ERDEI-1A  
; CURRENT APPLICATION NUMBER: US/09/708,606  
; CURRENT FILING DATE: 2000-11-09  
; PRIOR APPLICATION NUMBER: 09/446,464  
; PRIOR FILING DATE: 1999-12-22  
; PRIOR APPLICATION NUMBER: PCT/IL98/00292  
; PRIOR FILING DATE: 1998-06-22  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 27  
; LENGTH: 8  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Residue 6 may be amidated  
US-09-708-606-27

Query Match 56.4%; Score 22; DB 4; Length 8;  
Best Local Similarity 66.7%; Pred. No. 3.8e+05;  
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
Qy 3 DSSNVW 8  
Db 1 DSSNYI 6

Search completed: December 18, 2004, 18:32:11  
Job time : 38 secs